

ROLLAMO

1953



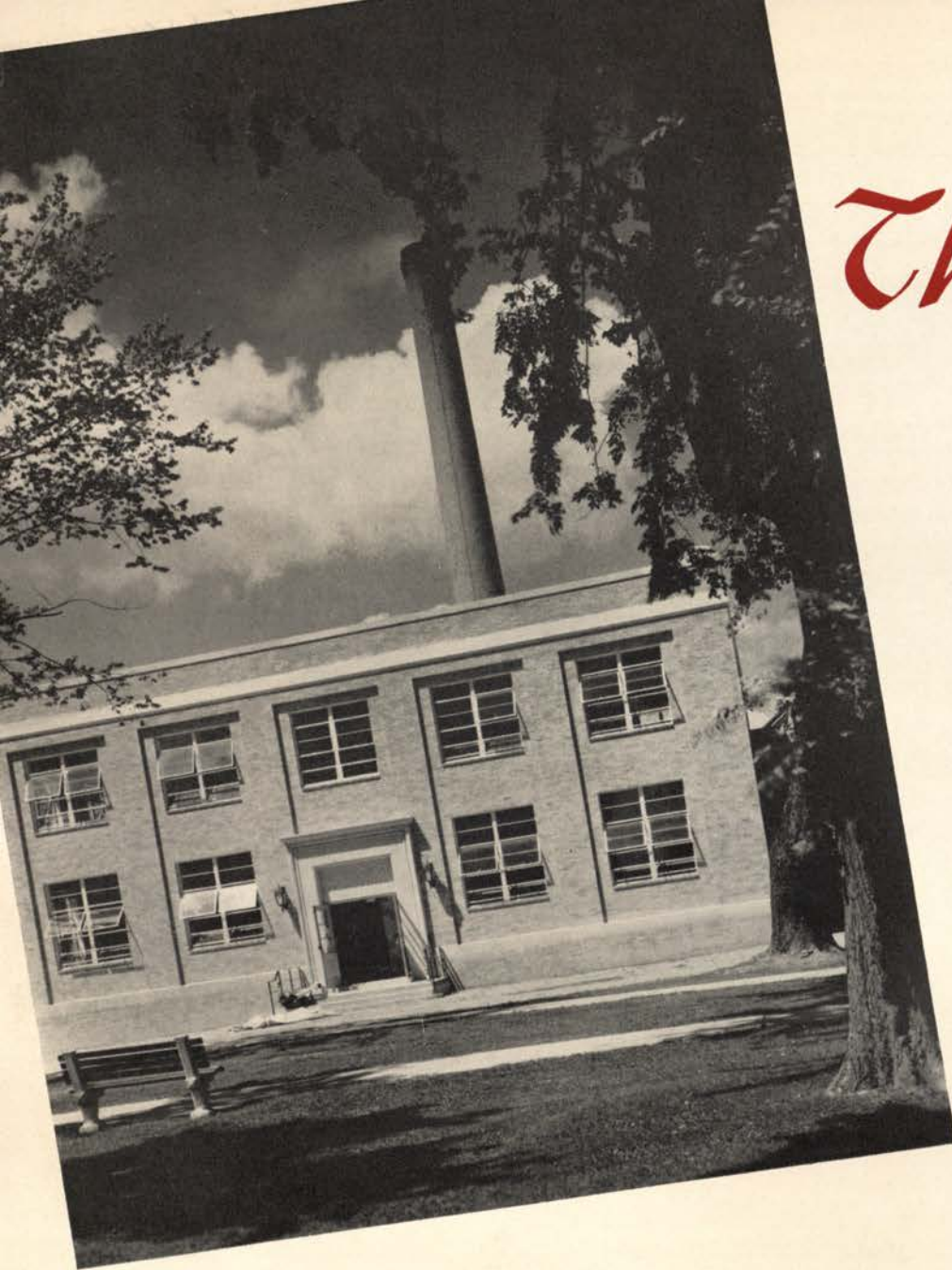






The Rollamo 1953

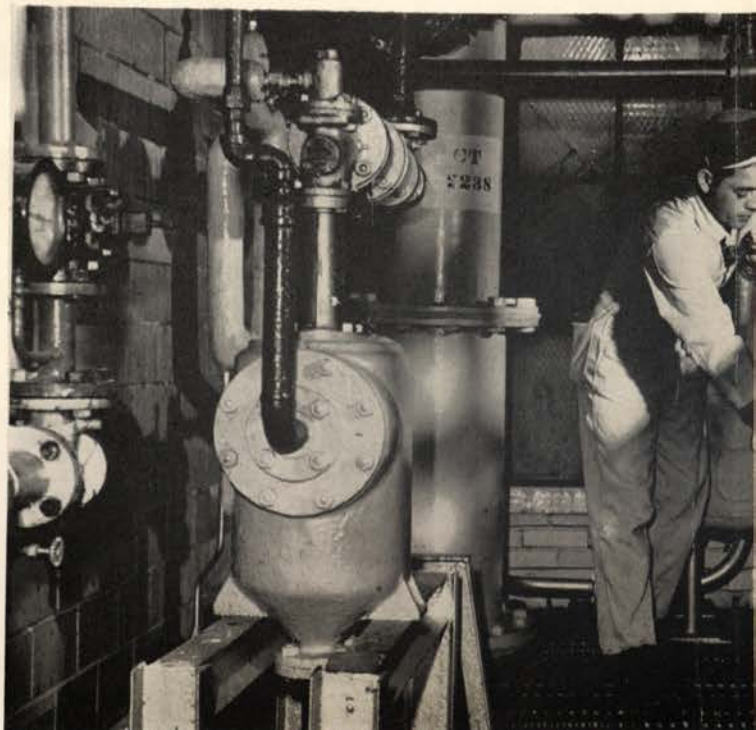
The New Era Edition



The Era Of

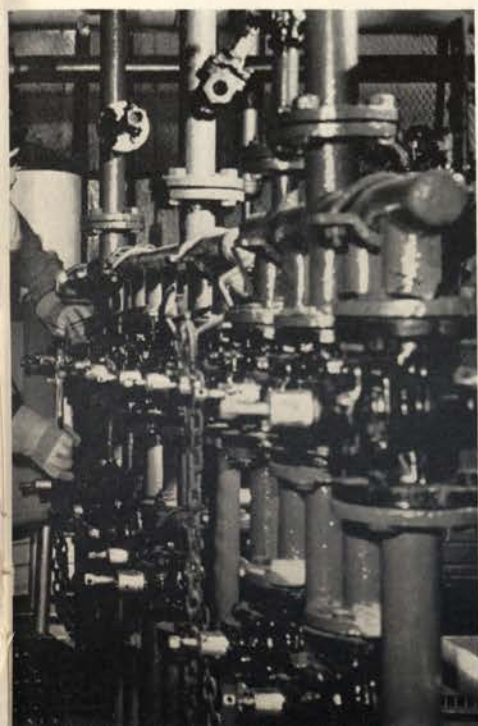
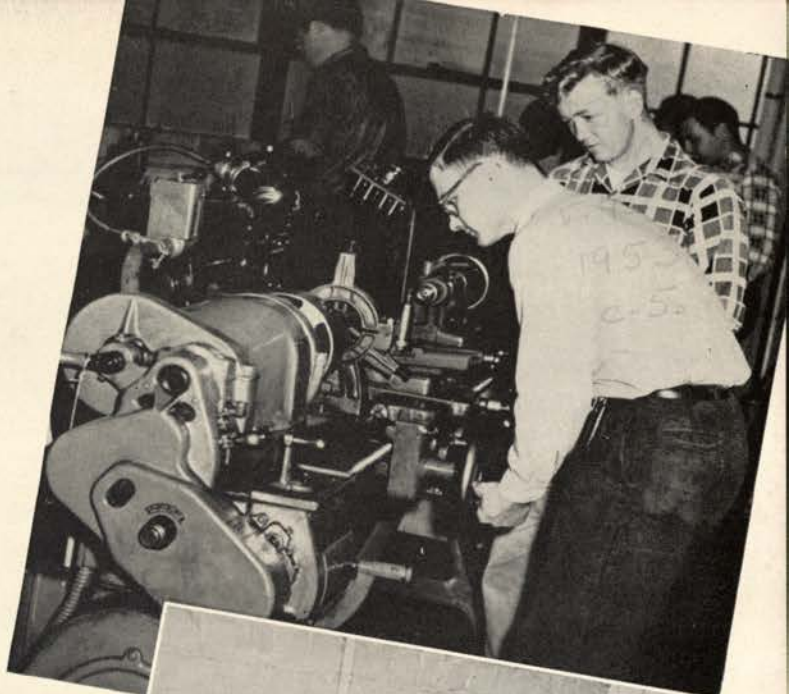
Staff

Jim Goeddel Editor
Al Burgess Business Manager
Gunther Helm Photographer



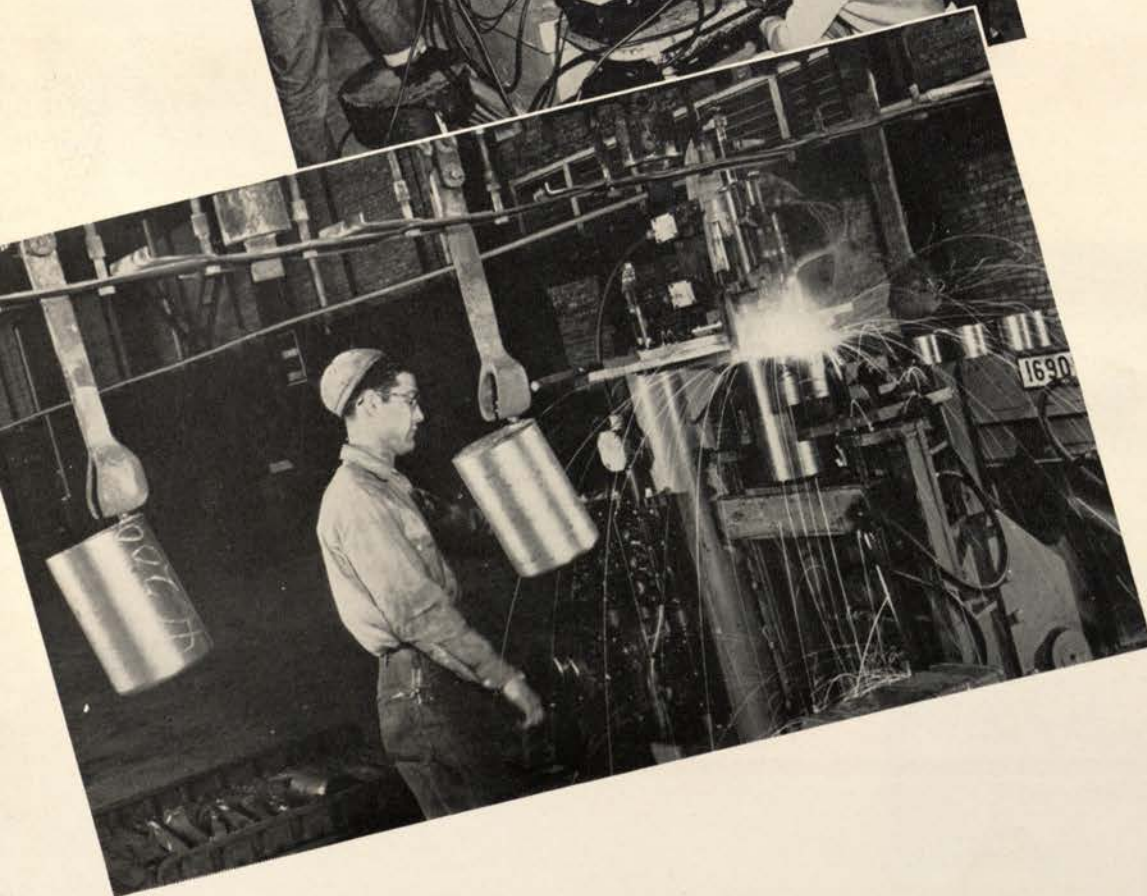
Opportunity

The engineer is required, and demanded for new designs in all fields—he is needed to harness energy to the water, to the road, and in the sky. The industrial plant of tomorrow will have new concepts of energy which when harnessed will give the worker of today more and more freedom from back-breaking tasks.



Theme *The World Of*

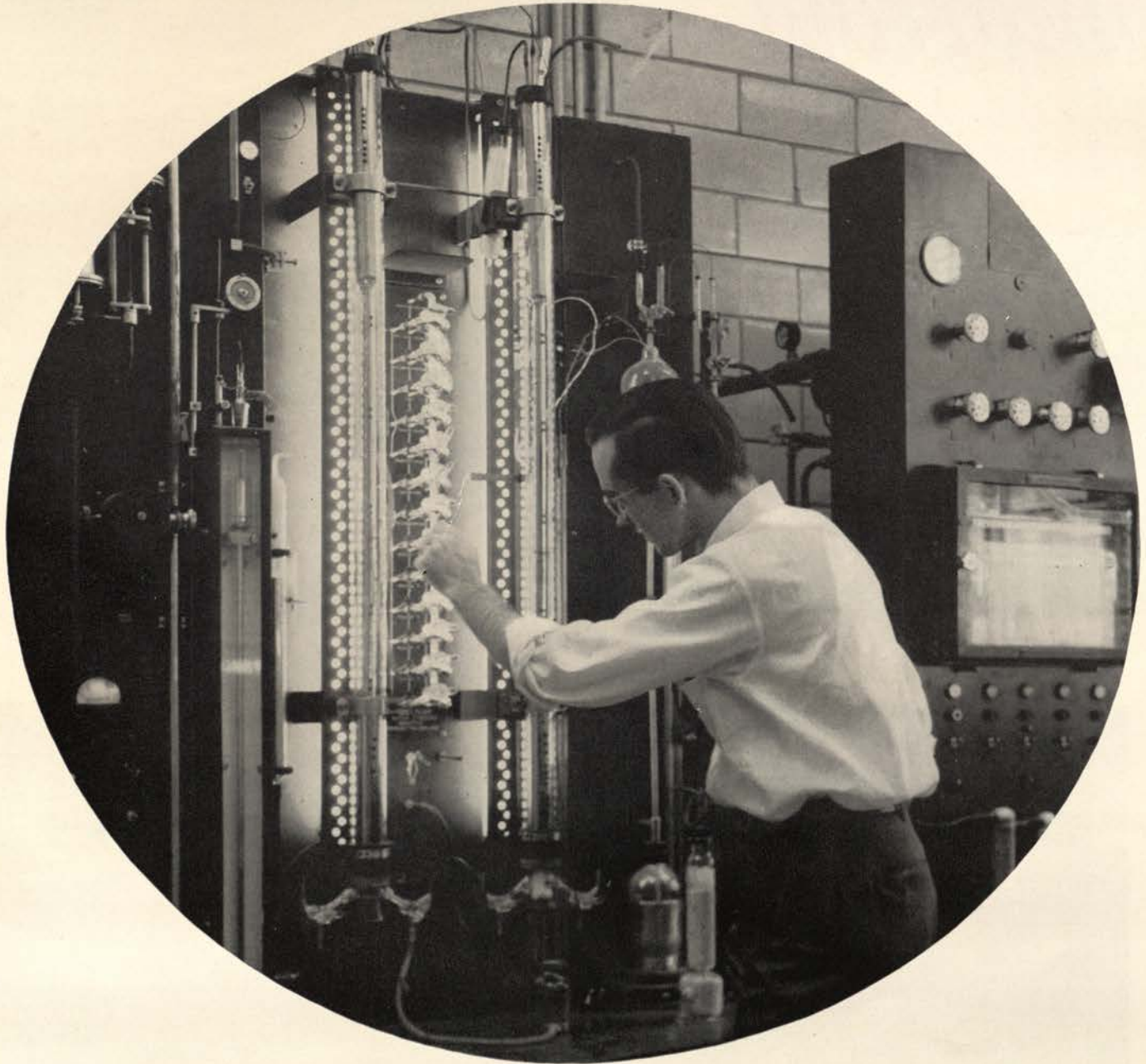
The World of Tomorrow awaits the engineer as never before. Having had the advantage of a splendid administration, a conscientious faculty, new and modern buildings and equipment; the engineer goes into a world of welcome well equipped to meet the demands of tomorrow.



Tomorrow



Industry



Contents

ADMINISTRATION

CLASSES

ACTIVITIES

SPORTS

SOCIAL

Demands

The Engineer Of Today

A new world awaits us—jet propulsion, atomic energy and its application—new forms of transportation, color television, guided missiles, space ships. For this the engineer is trained at Missouri School of Mines.



*"The years teach much which
the days will never know" . . .
Emerson.*

CLEARLY these words on wisdom are exemplified by the splendid administration of the Missouri School of Mines and Metallurgy. Under the great guidance and equally great leadership of our administration, MSM has become a "Pathfinder" in the field of engineering education.

Administration





Board of



Guidepost to Learning

MESSAGE FROM PRESIDENT MIDDLEBUSH

I APPRECIATE the opportunity given to me by the Rollamo editors to send this message to the School of Mines and Metallurgy graduates of the Class of 1953. You will soon join a goodly band of M.S.M. alumni and you should be proud of your membership in the alumni association.

You are leaving our campus at one of the most prosperous periods in its history. I have stated on many occasions in recent years that in my judgement the School of Mines never was stronger in its program of teaching, research and service. The State of Missouri has been generous in making these facilities available to you. We shall count on your rendering back to our State and Nation rich dividends upon the investment which has been made in your development and education.

FREDRICK A. MIDDLEBUSH,
President, University of Missouri.

BEING a division of the University of Missouri, the Missouri School of Mines and Metallurgy is governed by the University Board of Curators. The Board of Curators consists of nine men appointed by the Governor with the consent of the State Senate. The length of service on the Board is six years with two new men joining the Board every year. In addition to many other duties, the Board recommends appropriations for development and maintenance of the School of Mines. The current expansion program which has occurred in the last few years is truly a tribute to their efforts. The Executive Committee, composed of three members of the Board of Curators, holds monthly meetings for the purpose of auditing claims and handling other matters of immediate concern.

Truly, the Board of Curators deserves a well-earned "thanks" from the student body for their achievements in the development of M.S.M.

Curators

MEMBERS OF BOARD OF CURATORS

Mr. James S. Bush.....St. Louis, Mo.
 Mr. Lester E. Cox.....Springfield, Mo.
 Mr. J. A. Daggs.....Memphis, Mo.
 Hon. William P. Elmer.....Salem, Mo.
 Mr. James A. Finch, Jr.....Cape Girardeau, Mo.
 Dr. Glenn W. Hendren.....Liberty, Mo.
 Mr. Powell B. McHaney.....Clayton, Mo.
 Mr. Stratton Shartel.....Kansas City, Mo.
 Mr. Frank Stonner.....Chamoin, Mo.

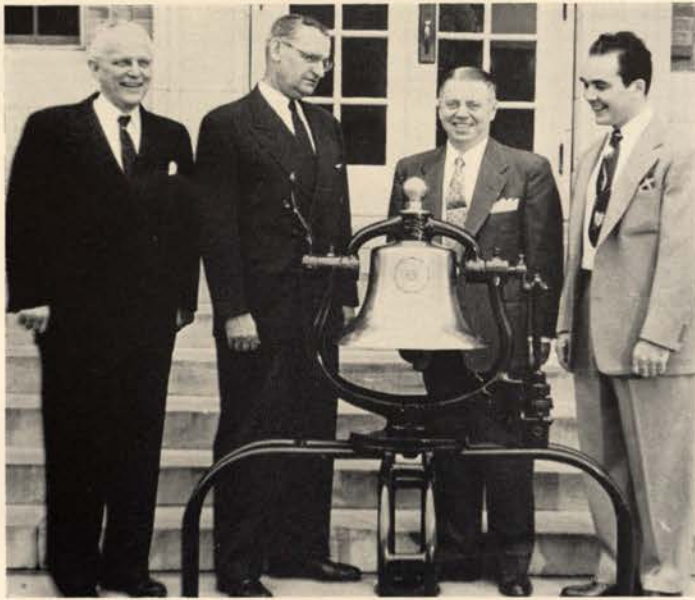


Dr. Frederick A. Middlebush

President School of Mines
 and Metallurgy
 University of Missouri

FIRST ROW: Curtis L. Wilson, Glenn W. Hendren, Powell B. McHaney, William P. Elmer, James Finch, Jr. SECOND ROW: Harry Fields, James S. Bush, Lester E. Cox, Leslie Cowan, J. A. Daggs, Frank Stonner. THIRD ROW: Rex Z. Williams, Frederick Middlebush. Not on picture: Stratton Shartell who had to leave before picture was taken.





Dean Wilson receives Victory Bell for school from Frisco Railroad.

DR. CURTIS L. WILSON, Dean of Missouri School of Mines and Metallurgy, is one of the outstanding figures in the field of engineering today. He graduated from Montana School of Mines in 1920 with a B.S. in Mining Engineering. In 1928 he received his Ph.D. from the University of Goettingen in Germany. He was a member of the Montana School of Mines faculty until 1941, when he came to Rolla to assume his present position as Dean.

He has been a member of the American Institute of Mining and Metallurgical Engineers since 1920 and has served on the AIME Board of Directors. He has been chairman of the Mineral Industry Education Division, and is presently chairman of the St. Louis Section AIME. He is a member of the St. Louis Engineers' Club, Missouri Society of Professional Engineers, and the American Mining Congress, to name but a few of his many organization memberships. He is a member of Tau Beta Pi, Phi Kappa Phi, and Sigma Xi honorary fraternities. His social fraternity is Tau Kappa Epsilon. We can be proud to have such a man as Dean of our school.



Curtis L. Wilson

Dean, Missouri School of Mines and Metallurgy

THIS 1953 edition of the Rollamo marks another annual milestone in the careers of the 1000 students enrolled at Missouri School of Mines and Metallurgy. It is safe to say that this milestone is in the direction of progress toward greater accomplishments.

While athletic victories may not have been as numerous as in some previous years, our teams have played hard and their sportsmanship has made us proud of them. In my opinion, the past year has been particularly characterized by serious devotion to academic scholarship.

It is with great pride that we see the graduating class go forth to places in engineering, joining the already large group of M.S.M. Alumni who have distinguished themselves and reflecting credit upon their alma mater. Our congratulations and best wishes go to our graduates along with the hope that they may continue their contacts with Alumni and the Faculty of Missouri School of Mines and Metallurgy. I wish to thank the Rollamo for this opportunity to speak to you.

CURTIS L. WILSON,
Dean.

CURTIS L. WILSON
B.S. 1916, Baltimore City College; E.M. 1920, Montana School of Mines;
Ph.D. 1928, University of Goettingen; Dean M.S.M., 1941.



Dean's Residence



DONALD L. DEAN

Donald L. Dean

Administrative Assistant

MR. DEAN in his short term as administrative assistant has proven his ability in handling the job. A graduate of M.S.M., he is familiar with the way of life at M.S.M. thereby qualifying him as a reliable counsel for the students as well as the efficient handling of his administrative tasks.

Noel Hubbard

Registrar

UPON entering M.S.M., one of the first men the students come in contact with is Noel Hubbard. Mr. Hubbard and his efficient office staff offer the sound advice and competent guidance that every individual student needs at some time during his years at M.S.M.



NOEL HUBBARD

Marvin T. Caldwell

Business Manager

MARVIN T. CALDWELL, the new M.S.M. business manager, comes to Rolla well qualified to take this important administrative staff position. Mr. Caldwell is a war veteran, having served in the U. S. Air Force from 1943 to 1946. He comes to M.S.M. from the University of Missouri at Columbia.



MARVIN T. CALDWELL



ERNEST P. HENDRIX

Ernest P. Hendrix

Superintendent of Buildings and Grounds

AS SUPERINTENDENT of buildings and grounds for the past nine years, Mr. Hendrix has had the essential job of coordinating the school with the contractor. The job has been an increasingly difficult one with the expanding of the building program and general improvements in the past few years.



Mining Engineering Building

FACULTY

- BRUZEWSKI, ROBERT F., Assistant Professor of Mining Engineering, 1947, 1949. B.S. in Min., 1947, M.S., 1949, Missouri School of Mines.
- DOTSON, JAY C., Instructor in Mining Engineering, 1951. B.S., 1950, Michigan College of Mining and Technology.
- MARTIN, REX I., Assistant Professor of Petroleum Engineering, 1950. B.S., 1936, Royal School of Mines, London.
- TAYLOR, LANGDON B., Assistant Professor of Petroleum Engineering, 1950, 1951. B.S. in M.E., 1935, Georgia Institute of Technology; M.S., 1951, Missouri School of Mines.
- VINE, WILLIAM A., Associate Professor of Mining Engineering, 1947, 1950. B.S. in Min. E., 1942, E.M., 1947, Columbia.

Mining Engineering Department

THE Mining Engineering Department, as in years past, ranks right near the top both in number of students and quality of instruction. The quality of instruction ranks with the best in the nation. The department's fame has been spread throughout the world by students in a variety of curricula. This includes: Mining Engineering, which is composed of Metal Mining, Coal Mining, and Mining Economics; Mining Geology, which consists of Metal Mining and Petroleum; and Petroleum Engineering.

The completion of the remodeling and building program this past fall, has greatly increased the efficiency of the department. This program includes: building a new wing between the old Mechanical Hall and the old Mining Building and remodeling the Mechanical Hall into the new Mining Department. Also the old Mining Building has been reconverted into the Petroleum Engineering Department. A full-scale experimental mine aids classroom work.



J. DONALD FORRESTER
Department Chairman
Professor of Mining Engineering, 1944.
B.S., 1928, Utah; M.S., 1929, Ph.D., 1935, Cornell.



Bruzewski

Martin

Dotson

Vine

Taylor

MECHANICAL ENGINEERING is that division of the scientific world which includes the generation, transmission, and utilization of mechanical power. These services are the products of research, design, and development.

It is the object of the department to give the student a comprehensive training in the fundamentals of mechanical engineering which will be of practical use to him in almost any industry of his choosing. The lectures are supported by extensive test and design laboratory practice.

The field is obviously too extensive to cover thoroughly in all its divisions in four years. The school's curriculum for mechanical engineering students is therefore perhaps more fundamental and less specialized than other engineering curricula. This is, in many respects, greatly to the student's advantage, as it enables him to choose his option later in his college course or to change divisions later in his professional life to suit the trend of industrial progress and development.

Mechanical Engineering Department



Chase
Thorpe

Scofield

Woodman
Kilpatrick

Schowalter

Young
Remington

FACULTY

CHASE, EUGENE C., Assistant Professor Mechanical Engineering, 1947, 1950. B.S. in M.E., 1947, Wyoming; M.S. in M.E., 1950, Missouri School of Mines.

KILPATRICK, A. VERN, Associate Professor of Mechanical Engineering, 1926, 1931. B.S. in M.E., 1925, M.E., 1931, South Dakota State College.

REMINGTON, CHARLES R., JR., Instructor in Mechanical Engineering, 1950. B.S., 1941, M.S., 1950, Missouri School of Mines.

SCHOWALTER, RALPH E., Instructor in Mechanical Engineering, 1949. B.S. in M.E., 1949, M.S., 1951, Missouri School of Mines.

SCOFIELD, GORDON L., Associate Professor in Mechanical Engineering, 1948, 1952. B.S. in M.E., 1946, Purdue; M.S., 1949, Missouri School of Mines.

THORPE, CLARE J., Associate Professor in Mechanical Engineering, 1942, 1952. B.S. in M.E., 1935, M.S., 1948, Missouri School of Mines.

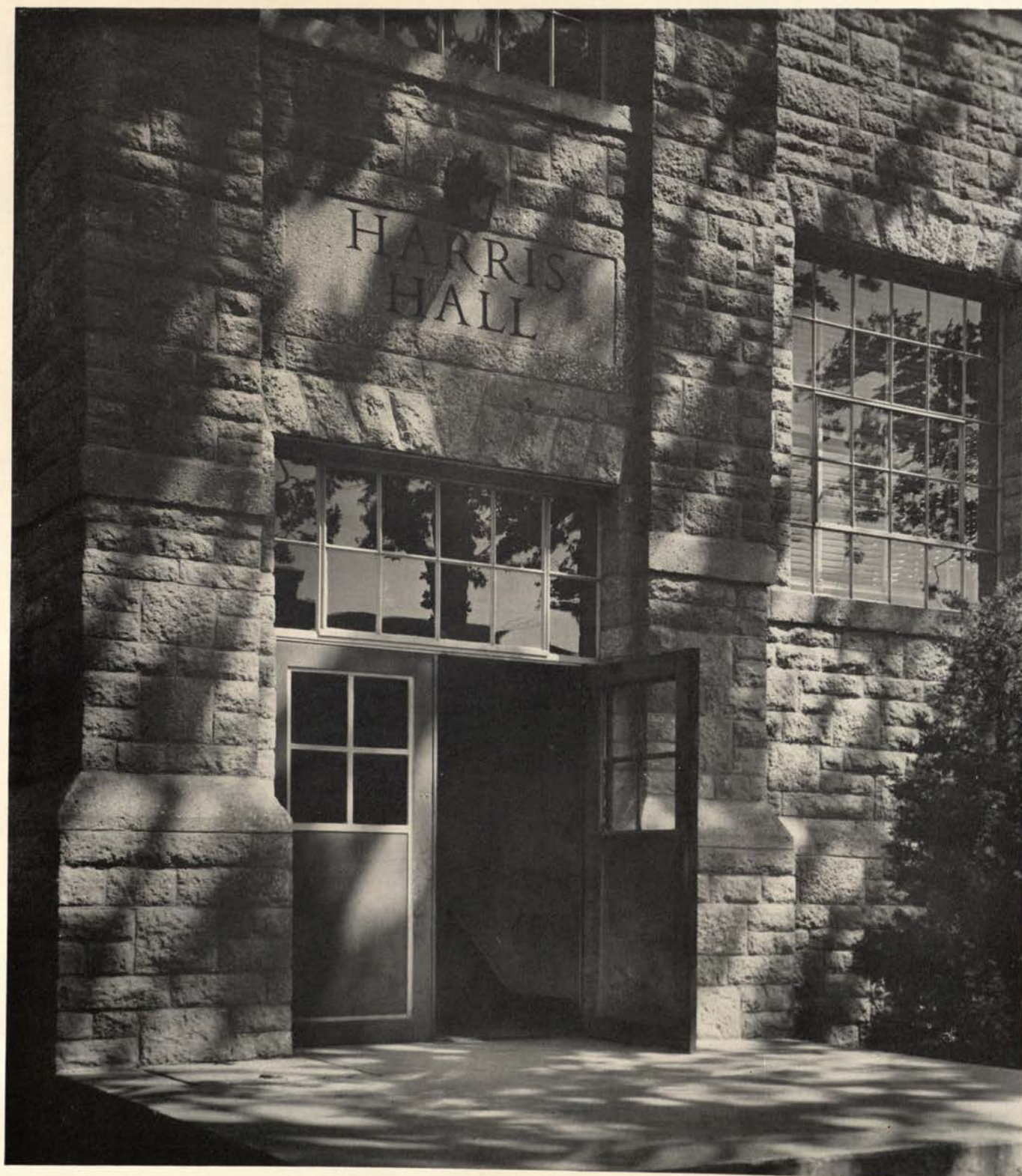
YOUNG, REAGAN H., Associate Professor in Mechanical Engineering, 1925, 1942. B.S. in M.E., 1921, Georgia Institute of Technology.



Mechanical Engineering Building

AARON J. MILES
 Department Chairman
 Professor of Mechanical Engineering, 1930, 1943.
 B.S., 1930, M.S., 1931, Missouri School of Mines;
 Sc.D., 1935, Michigan.





Harris Hall

FACULTY

CARLTON, ERNEST W., Professor of Structural Engineering, 1923, 1936. B.S. in M.E., 1920, M.S. Ind. Ed., 1926, Colorado Agricultural College; B.S. in C.E., 1926, C.E., 1935, Missouri School of Mines.
 ESBAUGH, CLIFFORD W., Assistant Professor of Civil Engineering, 1943, 1945. B.S., 1925, Kansas State.
 GEVECKER, VERNON A. C., Associate Professor of Civil Engineering, 1938, 1947. B.S. in C.E., 1931, Missouri School of Mines; M.S. in C.E., 1937, California Institute of Technology; C.E., 1950, Missouri School of Mines.
 HERSHKOWITZ, LEON, Assistant Professor of Civil Engineering, 1946, 1949. B.S. in C.E., 1941, M.S. in C.E., 1948, C.E., 1949, Missouri School of Mines.

MUIR, CLIFFORD D., Instructor in Civil Engineering, 1948. B.S. in C.E., 1947, Texas A. & M.; M.S. in C.E., Missouri School of Mines.
 ROBERTS, J. KENT, Assistant Professor of Civil Engineering, 1947, 1950. B.S. in C.E., 1947, Oklahoma; M.S. in C.E., 1950, Missouri School of Mines.
 SENNE, JOSEPH H., JR., Assistant Professor of Civil Engineering, 1938, 1952. B.S. in C.E., 1948, Washington University; M.S., 1951, Missouri School of Mines.
 SHOOLBRED, ROBERT A., Instructor in Civil Engineering, 1952. B.S., 1951, Clemson Agricultural College.

Civil Engineering Department

THE oldest engineering profession, Civil Engineering, is the leading department, with regard to students, on the campus. The curriculum of Civil Engineering is designed to afford a thorough training in fundamental principles upon which the practice of professional Civil Engineering is founded. It is the aim of the department to prepare the graduates for technical and administrative positions in the promotion, design, construction, operation, and management of engineering projects.



JOE B. BUTLER
Department Chairman
Professor of Civil Engineering, 1920, 1931.
B.S. in C.E., 1915; B.S. in Ed., 1924, Oklahoma A. & M.;
C.E., 1922, M.S. in C.E., 1924, Missouri School of Mines.

Although the Civil Engineering curricula for the first two years includes subjects common to all curriculum, specialization in various branches of the profession is provided during the junior and senior years.

The seat of learning here at M.S.M. is Harris Hall, which was completed in 1940. This building has in it the Hydraulics, Soil Mechanics, Bacteriology, and Materials Testing labs as well as classrooms. Though much work is done in the classroom, this work is supplemented with practical work out of doors.

Professor J. B. Butler, who has been with the school since 1920, is chairman of the department. Although his chief interest is in hydraulics, he has supervised map making of county roads throughout Missouri in recent years. Other leaders in the department include Professor Carlton, structural engineering, and Professor Gevecker, soil mechanics expert. With such fine men it is easy to see why the Civils will remain strong.



Carlton
Gevecker

Hershkowitz
Eshbaugh
Senne

Muir
Roberts



Metallurgy Building



Typical scene in Metallurgy Lab.

FACULTY

CATHCART, RAYMOND F., Instructor in Metallurgical Engineering, 1952. B.S., 1948, Alabama; M.S., 1951, Missouri School of Mines.

EPPELSHEIMER, DANIEL S., Professor of Metallurgical Engineering, 1947, 1948. B.S., 1932, D.Sc., 1935, Harvard.

FRAD, WILLIAM A., Instructor in Metallurgical Engineering, 1952. B.S. in Ed., 1932, South Dakota Northern State Teachers; M.S. in Met., 1941, Iowa.

HANLEY, HERBERT R., Professor Emeritus of Metallurgical Engineering, 1923, 1946. B.S. in Min. E., 1901, Met. E., 1918, D. Engr., 1946, Missouri School of Mines.

LEGSDIN, ADOLPH, Associate Professor of Mineral Dressing, 1940. Eng. of Mines, 1923, Freiberg Mining Academy; M.S. in Min. Dressing, 1933, Columbia.

MORRIS, THOMAS M., Associate Professor of Metallurgical Engineering, 1947, 1951. B.S., 1938, M.S., 1940, Columbia; Ph.D., 1950, Missouri.

STRAUMANIS, MARTIN E., Research Professor of Metallurgy, 1947, Engr. Chem., 1925, Dr. Chem., 1927, University of Latvia.

WOLF, ROBERT V., Instructor in Metallurgical Engineering, 1951. B.S., 1951, M.S., 1952, Missouri School of Mines.



ALBERT W. SCHLECHTEN

Department Chairman

Professor of Metallurgical Engineering, 1946.

B.S. in Met. E., 1937, Montana School of Mines; D.Sc., 1940, M.I.T.

Hanley
Wolf
Legsdin

Morris
Eppelsheimer
Straumanis



Metallurgical Engineering Department

METALLURGY is that branch of engineering which employs the art and science of extracting the metals from ores and concentrates, refining of these metals, manufacturing of these metals and alloys produced from them, and fabricating both metals and alloys into useful shapes for utilization by mankind. Here at M.S.M. the metallurgical engineering student receives a thorough training in the theory and practical application to develop sufficient technique to assure usefulness for the graduate in his chosen profession.

The metallurgy curriculum provides a complete training in Process Metallurgy and Physical Metallurgy. The theory is supplemented with practical work in the required courses. The department has the equipment available to afford the student every opportunity to further his knowledge.

Progress in the metallurgical field has been extensive during the last decade. Although small in numbers as compared to other branches of engineering, the demand for graduate metallurgists is constantly exceeding the supply.

Chemical Engineering

FACULTY

BRAND, GLENN E., Assistant Professor of Chemical Engineering, 1952. B.S., 1939, M.S., 1948, Missouri School of Mines.

CONRAD, FRANK H., Professor of Chemical Engineering, 1936, 1947. B.S. in Ch.E., 1923, Ph.D., 1934, University of Washington.

FISHER, EMORY D., Professor of Chemical Engineering, 1946, 1950. B.S., 1931, Dakota Wesleyan; Ph.D., 1935, Wisconsin.

LAY, ORMOND K., Instructor in Chemical Engineering, 1952. B.S., 1932, Missouri School of Mines.

PEABODY, ROBERT C., Assistant Professor of Chemistry, 1952. B.S., 1946, Southern Methodist; Ph.D., 1951, Iowa State.

RUSSELL, ROBERT R., Associate Professor of Chemical Engineering, 1948, 1952. A.A., 1941, Graceland College; A.B., 1943, M.A., 1936, Ph.D., 1949, Kansas.

SMITH, NORMAN L., Associate Professor of Chemical Engineering, 1950, 1952. B.S. in Ch.E., 1943, Arkansas; Ph.D., 1950, Minnesota.

SUTHERLAND, RICHARD O., Assistant Professor of Chemistry, 1951. Ph.B., 1931, M.S., 1934, Yale; Ph.D., 1936, Wisconsin.

WEBB, WILLIAM H., Associate Professor of Chemical Engineering, 1938, 1950. B.S., 1935, Mississippi State; M.S., 1939, Missouri School of Mines; Ph.D., 1949, Wisconsin.



WALTER T. SCHRENK
Department Chairman
Professor of Chemical Engineering, 1923, 1929.
B.S., 1915, Monmouth; M.S., 1919, Ph.D., 1922, Wisconsin.

CHEMICAL ENGINEERING is the most diversified of all fields of engineering. The Chemical Engineering Department here at M.S.M. adequately prepares the young chemist for any phase of the science he wishes to enter. Just as success in chemical engineering demands a smattering of knowledge in other fields of engineering, success in other fields requires a knowledge of chemistry. The Chemical Engineering Department offers this valuable instruction by supplementing the curricula of the other departments with advanced chemistry and chemical engineering courses. As chairman of the department, Dr. W. T. Schrenk directs the department activities as well as a staff of men who are both brilliant chemists and capable instructors.

The department's progress, which has been slightly hampered by unfinished rooms in the new building, should know no limits upon completion of the present work which was started at the close of last semester.



Brand
Russell
Peabody

Smith
Conrad
Fisher

Department

New Chemistry Building





ISRAEL H. LOVETT
Department Chairman
Professor of Electrical Engineering, 1921, 1931.
S.B., 1914, M.I.T.; E.E., 1924, Missouri School of Mines;
M.S.E., 1928, Michigan.

Electrical Engineering Department

FACULTY

- ANTHONY, PALMER L., JR., Instructor in Electrical Engineering, 1948. B.S. in E.E., 1948, John Brown University.
- GRIMM, CLAUDE J., Assistant Professor of Electrical Engineering, 1948, 1952. B.S. in E.E., 1930, Missouri School of Mines.
- GROVE, ARTHUR W., Assistant Professor of Electrical Engineering, 1948. B.S. in E.E., 1925, Pennsylvania State; M.S. in E.E., 1930, Iowa State; M.A., 1934, New York University.
- HORTON, HORACE R., Assistant Professor of Electrical Engineering, 1948. B.E.E., 1916, Arkansas.
- NOLTE, ROGER E., Assistant Professor of Electrical Engineering, 1949, B.S. in E.E., 1943, M.S., 1948, Iowa State.
- RITTENHOUSE, JOSEPH W., Associate Professor of Electrical Engineering, 1947, 1952. B.S. in E.E., 1939, Purdue; M.S. in E.E., 1949, Missouri School of Mines.
- SKITEK, GABRIEL G., Associate Professor of Electrical Engineering, 1943, 1952. B.S., 1943, M.S., 1949, Missouri School of Mines.
- ZABORSZKY, JOHN, Professor of Electrical Engineering, 1948, 1952. Dipl. Eng., 1937, D.Sc., 1942, Royal Hungarian Technical University, Budapest.

SINCE its origin as part of the Physics Department in 1924, electrical engineering has become an increasingly important part of the School of Mines curriculum. Along with the ever-broadening use of electricity and its increasing importance to industry, the Electrical Engineering Department has added courses and revised its policies. The E.E. student may specialize in one of three fields: power plants and electrical machinery, electronics, or communications.

New equipment has been added recently to all three branches. Courses in servo-mechanisms and television are now available. These courses as well as the entire field of electricity have unlimited possibilities. Those who are considering E.E. as a future may be assured that this department, which is one of the best equipped in the country, will keep pace with all developments in the electrical engineering field.

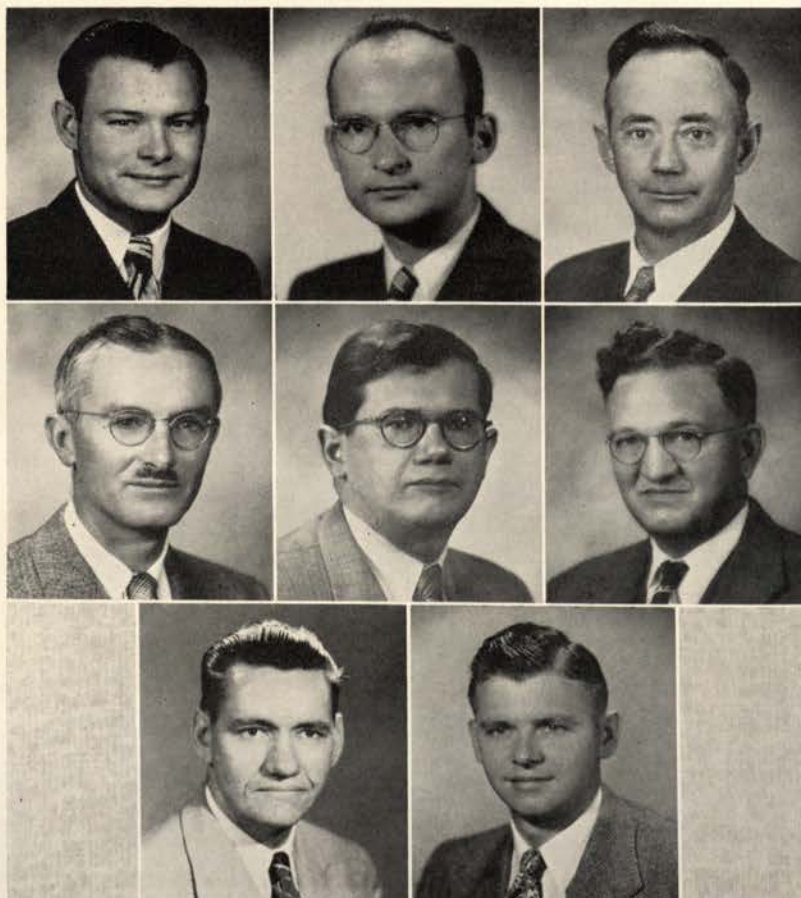
Anthony
Grimm

Rittenhouse

Skitek
Zaborszky

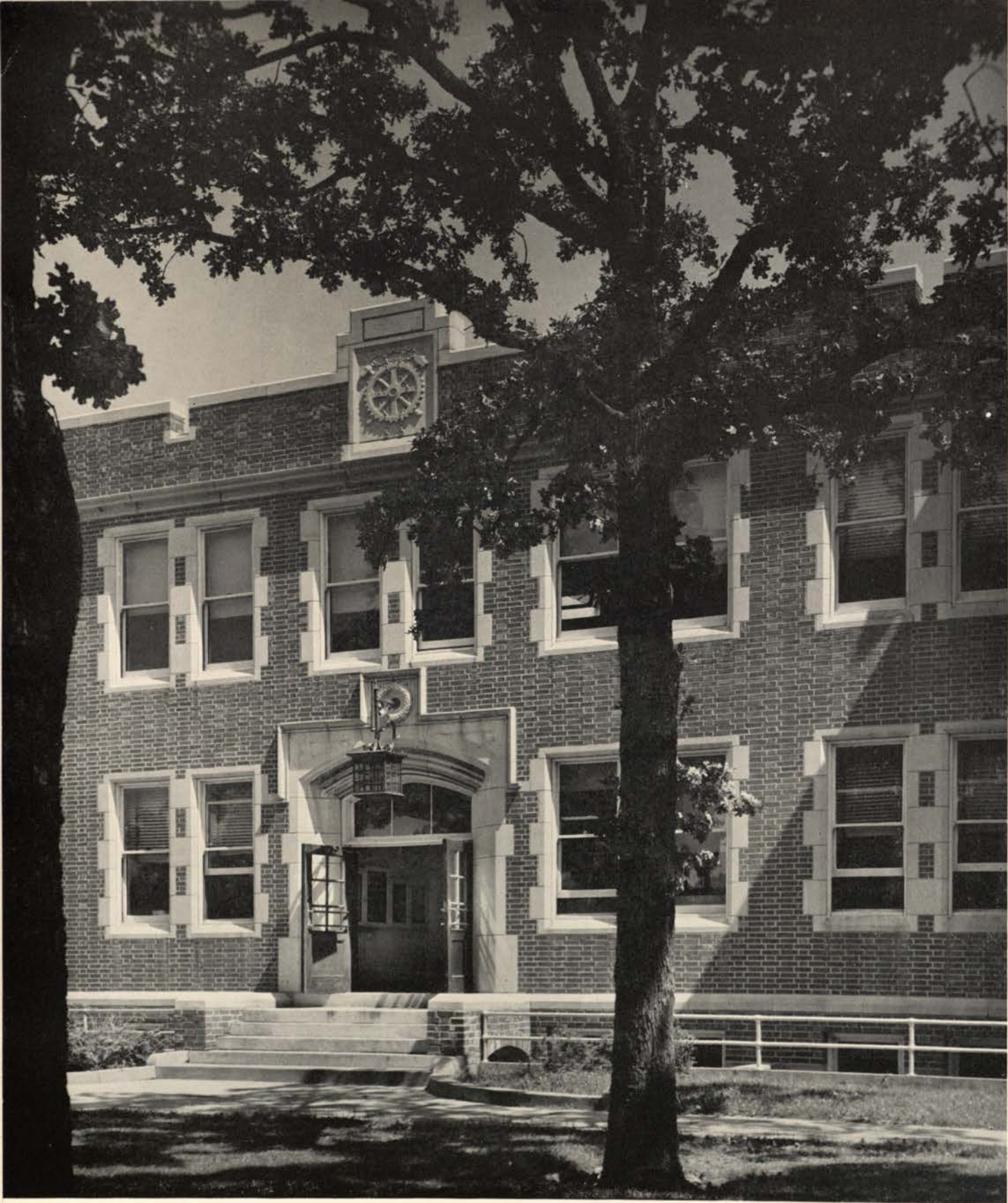
Nolte

Grove
Horton





Norwood Hall



Experiment Station

Ceramic Engineering Department

FACULTY

PLANJE, THEODORE J., Associate Professor of Ceramic Engineering, 1946, 1951. B.S. in Cer. E., 1940, Missouri School of Mines; Ph.D., 1950, Missouri.

SHULZE, CHARLES E., Instructor in Ceramic Engineering, 1949. B.S. in Cer. E., 1947; M.S., 1951, Missouri School of Mines.



PAUL G. HEROLD
Department Chairman
Professor of Ceramic Engineering, 1936, 1944.
B.Cer.E., 1931, M.S., 1932, Ph.D., 1934, Ohio State University.



Shulze

Planje

IT IS the object of the Department of Ceramic Engineering to train students for a career in the ceramic industries. The ceramic industries are those engaged in the production of commercial products from non-metallic, earthy raw materials by fiery operations. The curriculum provides for all of the branches of ceramic engineering.

Two basic divisions of ceramics are: (1) the technique, (2) the product. In training the student for a career in ceramic engineering it is necessary to supplement theoretical classroom procedure with a practical understanding of the basic principles underlying the technique and product. Portland cement, lime, gypsum, glass, enameled-ware, abrasives, refractories, and clay products are the groups that these techniques and products cover. Of these various groups, clay products is the most important. The study of clay and its products offers more laboratory work than any other department on the campus. A prospective Ceramic Engineer

begins his technique by practical application of his classroom studies with the aid of semi-commercial equipment. The theory on firing and drying, nature of ceramic raw materials, pyrometry, physical properties of ceramic raw materials, no longer remains entirely in the classroom. Special equipment is used to acquaint the student with modern methods of industry in developing and improving the technique and product.

Since 1898, when ceramic education began in the United States, slightly more than two thousand graduates have gone into this industry composed of more than thirty-five thousand plants in the United States. M.S.M. is one of the few schools in the United States that offers degrees in ceramic engineering.

Dr. P. G. Herold, who came to M.S.M. in 1936, heads the Ceramic Department, which is one of the best of its kind in existence. Another important man in this department is Professor T. J. Planje, who came here in 1946.

Humanities



SAMUEL H. LLOYD, JR.
Department Chairman
Professor of Economics, 1921, 1946.
A.B., 1918, De Pauw; M.S., 1921, Missouri School of Mines.

OF EVER-INCREASING importance in the engineering curriculum are those courses under the direction of the Humanities Department. Educators have come to realize that pure technical knowledge does not make a good engineer, but rather an intimate mixture of the cultural and technical virtues combined. The aim of this department is to complete this missing link in the engineering curriculum.

Heading the Humanities and governing its duties is Professor S. H. Lloyd. He has held this position since 1946, and has been one of the chief reasons for the rise of this department on the campus.

FACULTY

- AUDRAIN, JOHN P., Instructor in English, 1947. B.A., 1925, M.A., 1936, Oklahoma.
- BARR, JO W., Instructor in History, 1948. A.B., 1936, M.S., 1937, Washington University.
- BREWER, JOHN M., Instructor in English, 1947. B.Ed., 1935, Southern Illinois; M.A., 1942, Illinois.
- CAGG, MILES H., Assistant Professor of English, 1927, 1931. B.S., 1917, A.B., 1920, Ohio; M.A., 1921, Ohio State.
- CHRISTY, CARL, Assistant Professor of English, 1946, 1949. B.A., 1944, Colorado.
- GARNER, MELVIN L., Instructor in Economics, 1946. B.S., 1941, Indiana.
- JELINEK, JAMES J., Associate Professor of English, 1946, 1948. B.S., 1937, Illinois; M.A., 1940, Northwestern; Ed.D., 1951, Indiana.
- MOULDER, KARL M., Instructor in English, 1947. B.S., 1935, Drury; M.A., 1948, Washington University.
- MURPHY, WILLIAM J., Instructor in English, 1946. Ph.B., 1942, University of Detroit; M.A., 1944, University of Kansas City.
- PHILLIPS, WILLIAM R., Assistant Professor of English, 1946, 1949. B.Ed., 1939, Southern Illinois; M.A., 1942, Illinois.
- STEINMEYER, JOHN A., Instructor in Economics, 1946. B.J., 1934, Missouri.



Steinmeyer
Garner

Christy

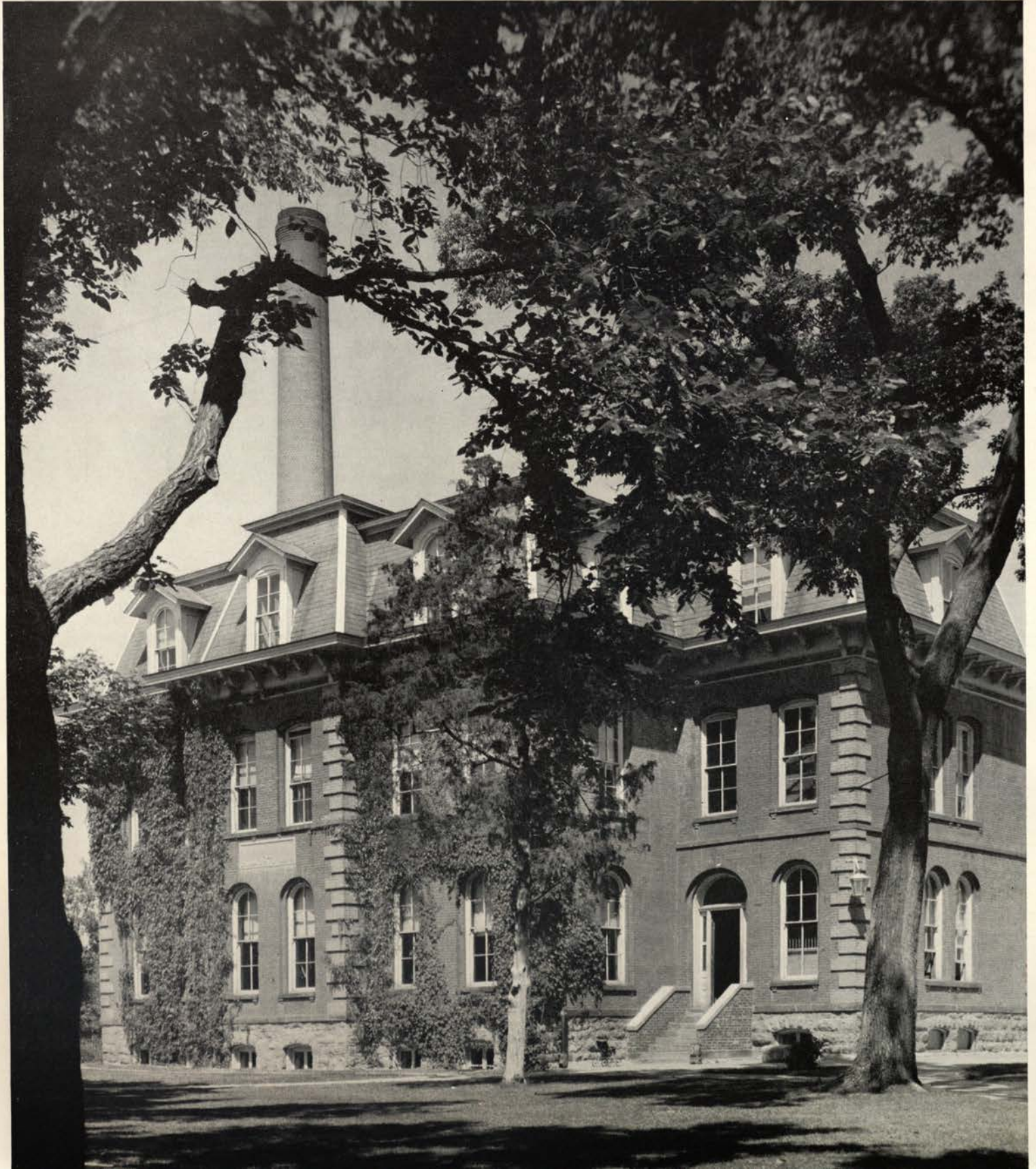
Jelinek
Moulder

Cagg

Audrain
Brewer

Department

Rolla Building



Mathematics Department

FACULTY

DALY, DOUGLAS L., Instructor in Mathematics, 1952. A.B., 1941, Michigan State Normal; M.A., 1945, Michigan.

ERKILETIAN, DICKRAN H., Assistant Professor of Mathematics, 1942, 1946. A.B., 1936, Western Kentucky State Teachers; M.A., 1933, Illinois.

GOODHUE, ELBRIDGE A., Associate Professor of Mathematics, 1925, 1946. A.B., 1917, Amherst; B.S., 1920, California Institute of Technology; M.S., 1927, Missouri School of Mines.

JOHNSON, CHARLES A., Assistant Professor of Mathematics, 1946, 1948. B.Ed., 1937, Northern Illinois State Teachers; M.A., 1940, Northwestern; Ph.D., 1950, Kansas.

KERR, RICHARD H., Assistant Professor of Mathematics, 1946, 1951. A.B., 1929, Southwest Missouri State; M.S., 1950, Missouri School of Mines.

PAGANO, SYLVESTER J., Assistant Professor of Mathematics, 1946, 1950. B.S., 1946, Missouri School of Mines; A.M., 1948, Washington University.

THOMAS, JAMES E., Instructor in Mathematics, 1952. B.S. in Ed., Missouri Valley College.

ZUPSICH, MIKE, Instructor in Mathematics, 1947. A.B., 1939, Illinois College; M.A., 1946, Illinois.



ROLFE M. RANKIN
Department Chairman
Professor of Mathematics, 1922, 1946.
A.B., 1916, Maryville (Tenn.); A.M., 1922, Chicago;
B.S. in C.E., 1927, Missouri School of Mines.

POSSIBLY the most important department on the campus, with respect to the development of the engineer, is the Mathematics Department. For, it is in this department where the basic fundamentals of the engineering profession are taught. Without a keen knowledge of the subject of "math", no student could ever hope to develop into an engineering graduate.

Initially, the student is brought into contact with fundamentals such as trigonometry and algebra. From here he advances into analytical geometry and finally proceeds to match wits with the calculus, both differential and integral. After the calculus, some curricula require credits in the Advanced Math courses offered by the department. For example, the electrical engineering curriculum requires differential equations, a course related to the solution of engineering problems by use of higher math along with the basic principles.

The brilliant staff, under the direction of Prof. Rolfe M. Rankin, has helped produce many outstanding graduates of M.S.M., and will be constantly striving to not only retain this reputation, but to seek to put forth a better, more educational program.



Erkiletian
Goodhue

Kerr
Zupsich



Daly

Thomas

Mechanics Department



Heagler
Schaefer

Davis
Davidson

THE Mechanics Department which is housed in the Old Metallurgy Building is responsible for the teaching of the basic engineering courses at M.S.M. Courses such as Statics, Mechanics of Materials, and Dynamics deal with various force analyses, stress and motion problems, problems a student must grasp if he can expect to be successful in his chosen field.

This department has a very complete lab, which provides the student with "eye witness" demonstrations of stress failure due to tension, compression and torsion on various materials as steel, iron, wood and concrete. Several large testing machines form an integral part of the laboratory which assure very accurate tests with extremely modern equipment.

At the beginning of the Fall semester, Prof. Nick Costakos returned to M.S.M. after a leave of absence and assumed the duties as chairman of this important department. He succeeded Prof. Fred Davidson, who had performed a splendid job during his term as acting chairman.

FACULTY

DAVIDSON, ROBERT F., Assistant Professor of Mechanics, 1946, 1949. B.S. in C.E., 1941, M.S. in C.E., 1949, Missouri School of Mines.

DAVIS, RALPH, JR., Assistant Professor of Mechanics, 1946, 1949. B.S. in M.E., 1946, Minnesota; M.S. in M.E., 1950, Missouri School of Mines.

HEAGLER, JOHN B., JR., Instructor in Mechanics, 1951. B.S. in C.E., 1951, Missouri School of Mines.

SCHAEFER, RODNEY A., Assistant Professor of Mechanics, 1947, 1950. B.S. in E.E., 1947, M.S. in E.E., 1950, Missouri School of Mines.

NICHOLAS C. COSTAKOS

Department Chairman

Associate Professor in Mechanics, 1941, 1950.
B.S. in Ch.E., 1939, M.S., 1943, Minnesota.



Geology Department



OLIVER R. GRAWE
Department Chairman
Professor of Geology, 1928, 1946.
A.B., 1922; M.S., 1924, Washington; Ph.D., 1927, Iowa.

THE Geology Department, which deals with courses concerning the evolution of the earth and its inhabitants, presents a well-balanced curriculum under the direction of Dr. Oliver R. Grawe. The course commences with basic geology and advances into subjects such as Stratigraphy and Geophysics.

FACULTY

- FRIZZELL, DON L., Professor of Geology, 1948, 1952. B.Sc., 1930, M.S. 1931, University of Washington; Ph.D., 1936, Stanford.
- GABRIEL, VITTALI G., Associate Professor of Geophysics, 1949. B.S., 1925, University of California; M.S., 1931, Sc.D., 1933, Colorado School of Mines.
- HIGGS, WILLIAM R., Instructor in Geology, 1951. B.S. in Min., 1937, M.S. in Geol., 1949, Alabama.
- MORGAN, RAY E., Associate Professor of Economic Geology, 1948. B.A., 1936, M.S., 1941, Minnesota.
- NACKOWSKI, MATTHEW P., Assistant Professor of Geology, 1947, 1952. A.B., Geology, 1941, California; M.S., 1949, Missouri School of Mines; Ph.D., 1952, Missouri.
- ROSENFELD, JOHN L., Assistant Professor of Geology, 1949. A.B., 1942, Dartmouth; A.M., 1949, Harvard.
- SPRENG, ALFRED C., Assistant Professor of Geology, 1950. A.B., 1946, College of Wooster; M.A., 1948, Kansas; Ph.D., 1950, Wisconsin.



Rosenfeld
Nackowski
Higgs

Spreng
Gabriel
Morgan

Physics Department



HAROLD Q. FULLER
Department Chairman
Professor of Physics, 1947.
A.B., 1928, Wabash; A.M., 1930, Ph.D., 1932, Illinois.

FACULTY

BESSEY, WILLIAM H., Associate Professor of Physics, 1952. S.B., 1934, Chicago; M.S., 1935, D.Sc., 1940, Carnegie Institute of Technology.

HOUSTON, ROBERT E., Instructor in Physics, 1951. B.S., 1949, M.S., 1951, Michigan State.

JENSEN, WILLIAM J., Associate Professor of Physics, 1924, 1930. A.B., 1920, Carleton; A.M., 1922, Illinois.

LUND, LOUIS H., Associate Professor of Physics, 1948, 1952. A.B., 1940, Kansas Wesleyan; M.A., 1943, Ph.D., 1949, Missouri.

MATTHEWS, JESSE T., Instructor in Physics, 1951. B.S., 1947, Texas A. & I.; M.S., 1949, Oklahoma.

WOODMAN, LEON E., Professor Emeritus of Physics, 1919, 1948. A.B., 1899, A.M., 1902, Dartmouth; Ph.D., 1910, Columbia.

THE Physics Department under the direction of its chairman, Dr. H. Q. Fuller, brings to the prospective engineer the fundamental concepts of mechanics, fluid flow, light, heat, sound, and electricity. These concepts must be acquired before the engineer can proceed to comprehend the advanced theories put forth by his own department.

The basic Physics courses taught to all curricula include two semesters of the well-known Physics Lecture, which include discussions and demonstrations on all phases of physics theory; also, two semesters of the practical application of the physics theory in the Physics Laboratory. The laboratory course is supplemented by lectures concerning the difficult-to-comprehend Theory of Measurements. This deals with the accuracy of various types of measurements, and result of this accuracy on the final results of tests, problems, and experiments. Also, advanced courses in physics are offered to the student seeking a degree in this subject.

Once the student has hurdled the theories and problems presented by the Physics Department, he can be sure he is well on his way toward his goal of graduate engineer.

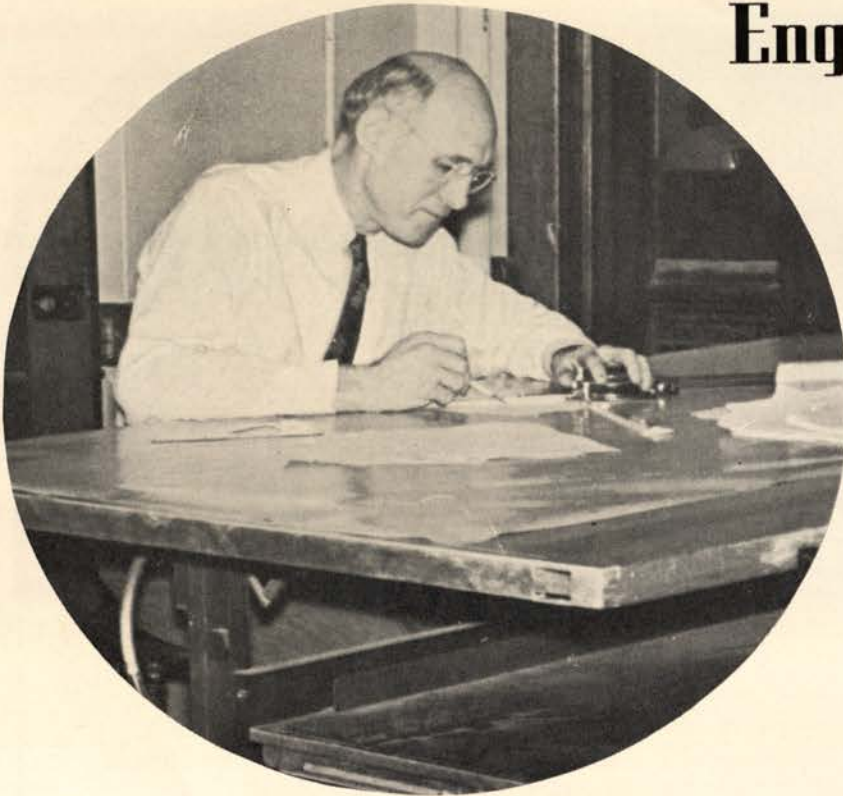


Jensen

Lund

Bessey

Engineering Drawing Department



LLOYD C. CHRISTIANSON

Department Chairman

Assistant Professor of Engineering Drawing and Descriptive Geometry, 1946.
B.A., 1925, Westminster; M.A., 1928, Missouri.

THE graphic language of engineering drawing, used by the engineer in expressing his many theories and designs, is the concern of the Engineering Drawing Department here at M.S.M.

The staff under the capable guidance of Prof. Lloyd C. Christianson not only endeavors to teach the student to produce neat, complete drawings, but likewise to be able to read and analyze already produced sketches and drawings.

The courses offered by the Engineering Drawing Department include the basic Engineering Drawing, the somewhat abstract Descriptive Geometry; and the practical engineering courses of General Engineering Drawing and Machine Drawing of particular interest to the Mechanical Engineer plus Drawing of Maps and Structures for the principle benefit of the Civil Engineer.

FACULTY

JOHNSON, RICHARD E., Instructor in Engineering Drawing, 1951. B.S., 1950, Northeast Missouri State Teachers.

THOMPSON, HOMER F., Instructor in Engineering Drawing and Descriptive Geometry, 1946. B.S. in Ch.E., 1932; B.S. in C.E., 1950, Missouri School of Mines.

VICKERS, JOHN M., Instructor in Engineering Drawing and Descriptive Geometry, 1952. B.S., 1950, Illinois; M.Ed., 1952, Texas A. & M.



Thompson

Johnson

In Memory Of

Chester S. Barnard

THE student body mourned the death of Chester Barnard last fall. Always ready to improve the intramural program, which he so skillfully developed into one of the outstanding athletic programs in the country today, the loss of this fine gentleman will be long remembered with his wonderful intramural program remaining as a fitting memorial to this man's work. He was a fine man, a diligent worker, and a great coach.



CHESTER S. BARNARD



D. R. SCHOOLER

D. R. Schooler

WITH the passing away of Professor D. R. Schooler, the school and student body lost one of its finest professors and friend. Professor Schooler obtained both his Bachelor of Science and his E.M. degree at Missouri School of Mines, the former in 1926 and the latter in 1944. With his long record of service, Professor Schooler will long be remembered by Missouri School of Mines as a good friend as well as an instructor.



GEORGE W. MARVIN
Department Chairman
Professor of Military Science and Tactics, 1951.
A.B., 1920, B.S., 1921, California.

Military Department

ACCORDING to an Act of Congress of 1862, the Missouri School of Mines is obligated to offer military training in its curriculum. This training is furnished by the Military Department which is composed of an instructional staff provided by the Department of the Army with the approval of the school.

The training emphasizes military leadership, with the student having the option to either continue into the advanced military course with the aim of procuring a commission as a 2nd Lieutenant in the United States Army Reserve, or to withdraw from the Military Department upon completion of the required two years of Basic Military.

FACULTY

ARMSTRONG, ANDREW C., Assistant Professor of Military Science and Tactics, 1950.

BOSKY, WALTER F., Associate Professor of Military Science and Tactics, 1952. B.S., 1937, Georgia Institute of Technology.

GERRARD, CLARENCE C., Instructor in Military Science and Tactics, 1952. B.S., 1950, Utah.

GROOME, DONALD F., Associate Professor of Military Science and Tactics, 1951. M.E., 1938, Stevens Institute of Technology.

SHEPPARD, ALBERT D., JR., Assistant Professor of Military Science and Tactics, 1952. B.S., 1945, U. S. Military Academy; M.S., 1949, California.



Lt. Gerrard, Major Bosky, Capt. Sheppard,
Sgts. Roeth, Hess, Howard, Huddle.

Military Department

*Demonstration of construction
equipment at summer camp.*



Pershing Rifles Drill Team.



Mine detectors at summer camp.



*"Top Brass" looks over a ter-
rain model.*





Sharpen that salute, soldier.



Color Guard.



Red tape—R.O.T.C. style.



Inspection.



In step.



Present Arms!



Capt. Sheppard explains.



*Sgt. Roeth teaching
"maps" class.*

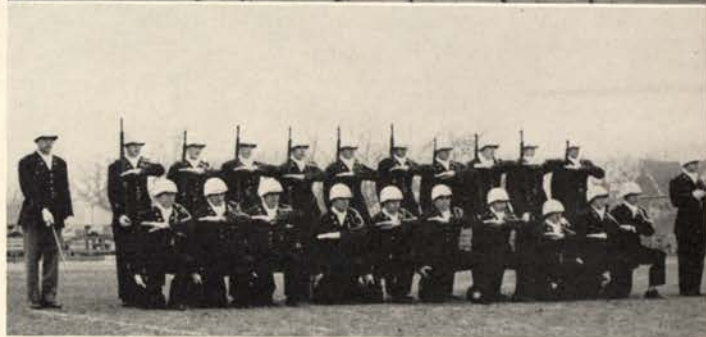
Military Department

Pershing Rifles

PERSHING RIFLE OFFICERS

John H. Schemel.....Company Commander
James K. Highfill.....Adjutant
Lt. C. C. Gerrard.....Faculty Advisor

THE Pershing Rifle Unit at M.S.M. is part of a national organization founded in the name of General John J. Pershing. The M.S.M. unit was chartered in the spring of 1949. Its primary function is to provide a crack drill team for football games.



*Schemel, Lt. Gerrard, Highfill.
Precision Drill Team.*

FIRST ROW: R. Puyear, Highfill, Lt. Gerrard, Schemel, D. Puyear. SECOND ROW: Middleton, Meyer, Miller, Gessley, O'Rourke. THIRD ROW: Macy, Jones, Thompson, Schultz, Slates, Moore. FOURTH ROW: Owen, Dorris, McMullin, Smith, Hughes, Straumanis.

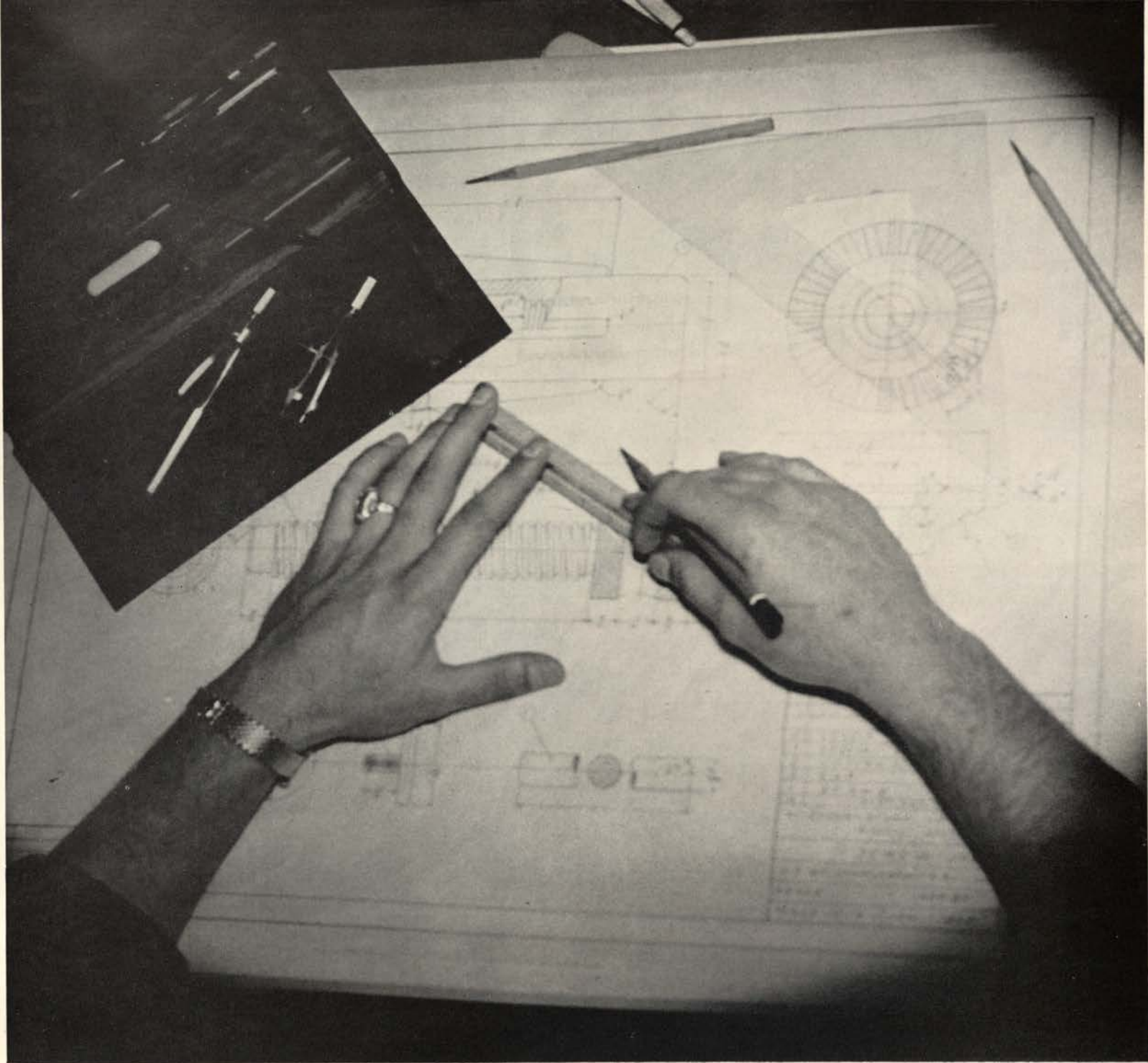


*"Nothing will come of nothing."
... Shakespeare.*

IT is only upon the realization of this truth that an engineering student can ever hope to develop his intellect into the highly trained mechanism required of the engineer in this complex world. To embody men with a keen mind and a firm will to perform, is the purpose of the rigorous class schedule of Missouri School of Mines.

Classes







Abendroth
Algermissen
Argo

Aceto
Ali
Aiter

Achterberg
Allen
Austin

Akers No. 1
Andersen
Barbier

Akers No. 2
Anderson
Bardon

Alburtis
Andre
Barton

Senior Class

Abendroth, Reinhard P.....Metallurgy.....St. Louis, Mo.
Beta Sigma Psi; Basketball; AIME; "M" Club; American
Foundrymen Society; ASM; Food Chairman; Theta Tau;
Interfraternity Council; Honor List; Phi Kappa Phi Book
Plate Award; Foundry Educational Foundation Scholarship;
Tau Beta Pi.

Aceto, Wayne M.....Mechanical.....Glencoe, Mo.

Achterberg, Ernest R.....Mining-Geology.....Little Rock, Ark.
Beta Sigma Psi; AIME; C. L. Dake Geology Society; Disting-
uished Military Student; Honor List; Phi Kappa Phi Book
Plate Award; Transferred from University of Arkansas.

Akers, James E. No. 1 ..Science-Chemistry.. Bonne Terre, Mo.
Alpha Chi Sigma, Master Alchemist; Honor List; Phi Kappa
Phi Book Plate Award; Tau Beta Pi.

Akers, James E. No. 2.....Civil.....Rolla, Mo.
ASCE; Tech Club; "M" Club; Football.

Alburtis, Lawrence E.....Electrical.....Warrensburg, Mo.
AIEE; Transferred from Central Missouri State Teacher's
College.

Algermissen, Sylvester T...Sci.-Geol...Montgomery City, Mo.
Theta Kappa Phi, Executive Council, Treasurer; Rollamo
Board; Pershing Rifles; American Foundrymen Society; Stu-
dent Assistant, Geology Department; Interfraternity Council;
Sigma Gamma Epsilon, Secretary-Treasurer; Blue Key; Honor
List; Miner Board, Editor-in-Chief; Miner Board Award.

Ali, Ahmad.....Mining.....Kabul, Afghanistan
Independents; Photo Club; Honor List; Phi Kappa Phi Book
Plate Award; International Fellowship.

Allen, Lawrence E.....Mechanical.....Independence, Mo.
Wesley Foundation; ASME; Tech Club; Alpha Phi Omega.

Andersen, Robert Warren.....Mining.....Chicago, Ill.
Kappa Sigma; Student Council; Honor List; Phi Kappa Phi
Book Plate Award; Silver Key.

Anderson, Charles A.....Civil.....Lemay, Mo.
Kappa Sigma; ASCE; Alpha Phi Omega; Glee Club; "M"
Club; Football; Theta Tau.

Andre, Henry E.....Mining-Geology.....Lynbrook, N. Y.
Sigma Phi Epsilon; AIME; Rollamo Board; Student Assistant,
Dean Williams' Office; Student Assistant, Geology Depart-
ment.

Argo, James W.....Civil.....Springfield, Mo.
Sigma Phi Epsilon; Inter-Faith Council, Treasurer; Canter-
bury Club; ASCE.

Arter, Richard W.....Chemical Eng.....St. Louis, Mo.
Kappa Sigma; Rollamo Board; MSM Hammer Throwers Club;
AICHE; Alpha Chi Sigma.

Austin, Robert E.....Mining.....College, Alaska
Independents; Esperanto Association; Transferred from Fre-
donia State Teacher's College.

Barbier, William J.....Mechanical.....St. Louis, Mo.
Theta Kappa Phi; Society of Automotive Engineers; ASME.

Bardon, Donald G.....Electrical.....Ferguson, Mo.
Theta Kappa Phi, Pledge Master; Miner, Circulation Staff;
AIEE; Rollamo Board, Circulation Staff; Theta Mu; Eta
Kappa Nu, President; Student Assistant, Library.

Barton, G. Dean.....Civil.....Alton, Mo.
Engineer's Club, Secretary-Treasurer; Wesley Foundation.

Baumgardner, Arthur R.....Mining-Petroleum.....Neelyville, Mo.
Independents; Dormitory Council; AIME.

Bay, Robert E.....Mining-Geology.....St. Louis, Mo.
Independents; Spelunkers Board, President.

Beasley, Donald H.....Mining-Geology.....Raymondville, Mo.
Theta Xi; AIMME.

Nineteen Fifty-three

Belcher, Donald K.....Mechanical.....Vernon, Ill.
Tech Club; ROTC, Sergeant; Photo Club, President.

Bender, John H.....Ceramics.....New Philadelphia, Ohio
Track Squad; "M" Club; ACS, Treasurer.

Bennett, William E.....Mechanical.....Republic, Mo.
Tech Club; ASME; Society of Auto Engineers, Secretary.

Bloess, Juergen J.....Chemical Eng.....So. Ozone Park, N. Y.
Kappa Alpha, Steward, Sergeant-at-Arms, Historian; Alpha
Chi Sigma; Glee Club; Spelunkers; Swimming (Letter); Var-
sity Award; Student Assistant, Chemical Engineering De-
partment and Petroleum Engineering Department; AIChE;
Track; Tau Beta Pi; Blue Key.



Baumgardner
Bennett
Blackmon

Bay
Bentilla
Blackwell

Beasley
Bergstrom
Blair

Belcher
Berry
Bloess

Bender
Beverage
Boyd

Bentilla, Kenneth R.....Mining.....Hurley, Wisc.
Transferred from Wisconsin Institute of Technology.

Bergstrom, Wallace J.....Electrical.....Joliet, Ill.
Kappa Alpha; AIChE; AIEE; Transferred from Joliet Junior
College.

Berry, Hugh R., Jr.....Mechanical.....Mamaroneck, N. Y.
Spelunkers; ASM; Transferred from Syracuse University
(ASTP) and College.

Beverage, Leland D.....Mechanical.....Belleville, Ill.
Sigma Pi, Historian, Special Co-chairman; Football; "M"
Club, Vice-President, President; Swimming; Student Assis-
tant, Athletic Department; ASM, Secretary-Treasurer; Student
Council, Secretary; Theta Tau, Pledgemaster; St. Pat's
Board; Blue Key; Student Assistant, Petroleum Engineering
Department.

* Blackmon, Paul H.....Science-Physics.....Rolla, Mo.
Tech Club; MSM Radio Club; ACS; Student Assistant, Chem-
ical Engineering Department.

Blackwell, William C.....Electrical.....St. Francois, Mo.
Engineer's Club; Radio Club, President; Glee Club; Theta
Tau; AIEE, Chairman of Display Committee; Transferred
from Flat River Junior College.

Blair, William E.....Chemical Eng.....St. Joseph, Mo.
Glee Club, Vice-President, President; Tech Club, Secretary-
Treasurer; AIChE; Alpha Chi Sigma; Tau Beta Pi; Trans-
ferred from St. Joseph's Junior College.



Civil Lab. . . . everybody's busy.

Senior Class

Boyd, Marvin W.....Mechanical.....Joplin, Mo.
Independents; MSM Dormitory Council, Secretary; ASME;
Transferred from Joplin Junior College.

Brigance, Glenn A.....Mining.....Rolla, Mo.
Petroleum Club; AIMME.

Brown, Archibald M.....Mechanical.....Rolla, Mo.
ASME; Transferred from Washington University.

Carpenter, Richard.....Metallurgy.....Schenectady, N. Y.
Kappa Alpha; Petroleum Club; Glee Club; AIMME; Trans-
ferred from Nebraska State Teacher's College.

Carver, Robert E.....Mining.....Kansas City, Mo.
Sigma Gamma Epsilon; C. L. Dake Geology Society; Dormi-
tory Council; Student Assistant, Mining Department; Grad-
uate Assistant, Mining Department; Tau Beta Pi; Transferred
from University of Kansas.



Brigance
Callaway
Clodfelter

Brown
Carl
Cole

Bruer
Carpenter
Collins

Bruskas
Carver
Conci

Buescher
Cauthorn
Cookson

Burgett
Christian
Crane

Bruer, Everett E., Jr.....Mechanical.....St. Louis, Mo.
Chi Sigma; Varsity Award; Track Squad; ASME; Student
Assistant, Petroleum Engineering Department.

Bruskas, Anton August.....Mining-Geology.....Joliet, Ill.
Sigma Phi Epsilon; Sigma Gamma Epsilon; Dormitory Coun-
cil Alternate; Canterbury Club, Secretary; AIMME, Secre-
tary; Student Assistant, Geology Department; Transferred
from Joliet Junior College.

Buescher, Romuald L.....Mechanical.....Washington, Mo.
Theta Kappa Phi, Alumni Secretary, Steward, Executive
Council; Miner Board, News Staff; Theta Tau; Society of
Auto Engineers; ASME; Rollamo Board; Freshman Class,
President.

Burgett, Max Austin.....Civil.....Rolla, Mo.
Basketball Team (Lettered); Student Assistant, Petroleum En-
gineering Department.

Callaway, Charles H.....Mining-Petroleum.....West Plains, Mo.
Petroleum Club; AIMME; Student Assistant, Library.

Carl, Ralph W.....Chemical Eng.....Boonville, Mo.
Independents; Engineer's Club, Board of Control; AIChE,
Treasurer; Student Council, Alternate, Treasurer; Alpha Chi
Sigma, Vice-Alchemist; Tau Beta Pi, Treasurer; Student As-
sistant, Chemical Engineering Department; Secretary, Junior
Class.

Cauthorn, James Elliott.....Ceramics.....Mexico, Mo.
Lambda Chi Alpha, Rush Chairman; Independents; Rifle
Club, Treasurer; ACS; Alpha Phi Omega, Vice-President;
Pershing Rifles; Varsity Rifle Club; Keramos, Treasurer.

Christian, Charles Eugene.....Civil.....St. Louis, Mo.
Kappa Sigma; Theta Tau; St. Pat's Board.

Clodfelter, George, Jr.....Mechanical.....Rolla, Mo.
Kappa Alpha; Society of Auto Engineers, President; ASME;
Transferred from Southeastern Missouri State Teacher's
College.

Cole, Henry M.....Civil.....Granby, Mo.
ASCE.

Collins, Robert T.....Electrical.....Normandy, Mo.
Sigma Phi Epsilon, Corresponding Secretary; Transferred
from Harris Junior College.

Conci, Frank.....Civil.....Benton, Ill.
Independents; Tech Club, President; Canterbury Club; Glee
Club; C. L. Dake Geology Society.

Cookson, Clarence G.....Mining-Geology.....Belleville, Ill.
Theta Xi, Corresponding Secretary; Transferred from Belle-
ville Township Junior College.



Craver
Culmo
Davis

Crawley
Custer
De Shurley

Creamer
Dabbous
Deutsch

Crockett
Dallas
Dickerman

Crosby
Dannenbrink
Diebold

Nineteen Fifty-three

Crane, Harold Ray.....Civil.....Palmyra, Mo.
Theta Kappa Phi, Historian, Secretary, Colonization Secretary, Executive Council; Alpha Phi Omega; ASCE; Miner Board, News Staff, Exchange Editor.

Craver, Claud Richard.....Civil.....Hannibal, Mo.
Independents; Engineer's Club; Student Assistant, Civil Engineering Department; Transferred from Northeastern Missouri State Teacher's College.

Crawley, William Lee.....Electrical.....St. Louis, Mo.
Triangle, Recording Secretary, President; Rollamo Board; Student Council, Alternate; Theta Mu, Vice-President; Blue Key; Tau Beta Pi; Graduate Assistant, Electrical Engineering Department.

Creamer, Edward Leo....Science-Chemistry....Louisiana, Mo.
Engineer's Club; Alpha Chi Sigma, Reporter; Honor List; Tau Beta Pi; Student Assistant, Chemical Engineering Department.

Crockett, Nathan E....Science-Geology....Huntington, W. Va.
Theta Xi.

Crosby, Robert L.....Metallurgy.....Springfield, Ill.
Independents; Lambda Chi Alpha, Ritualist; ASM; Tau Beta Pi.

Culmo, Samuel A.....Mining.....Rolla, Mo.
Lambda Chi Alpha; St. Pat's Board; C. L. Dake Geology Society; Student Assistant.

Custer, C. Robert.....Chemical Eng.....Kansas City, Mo.
Sigma Phi Epsilon, Historian; AIChE; Alpha Chi Sigma, Master of Ceremonies; Student Assistant, Chemical Engineering Department; Transferred from Kansas City Junior College.

Dabbous, Antoon.....Mining.....Damascus, Syria
MSM Dormitory Councilman; International Fellowship, President; Transferred from American University of Beirut.

Dallas, Darrell Kenneth.....Mining-Geology.....Taft, Calif.
Engineer's Club; AIMME; Transferred from Taft Junior College.

Dannenbrink, Wayne C.....Civil.....St. Louis, Mo.
Gamma Delta, Treasurer, Steward, President; ASCE; Chi Epsilon; Beta Sigma Psi; Theta Tau; Tau Beta Pi.

Davis, Russell Earl.....Mechanical.....Rolla, Mo.
Independents; Engineer's Club; Spelunkers; SAE.

DeShurley, Jack L.....Mechanical.....Rolla, Mo.
ASME; Transferred from Compton Junior College.

Deutsch, Gordon.....Mining-Geology.....Rochester, N. Y.
Alpha Epsilon Pi; Spelunkers; C. L. Dake Geology Society; AIMME; Transferred from University of Rochester.

Build-up of molecular structure.





Dill
Eason
Faulkner

Dillard
Edwards
Ferber

Dowdy
Eichenberger
Finley

Duchek
Ellis
Fiola

Durham
Englund
Fisher

Dye
Farrer
Fitz Gibbon

Senior Class

Dickerman, John H.....Electrical.....St. Louis, Mo.
Theta Mu; BSU; Glee Club; AIEE; Tau Beta Pi; Student Assistant, Electrical Engineering Department.

Diebold, Francis L.....Civil.....Benton, Ill.
American Road Builder's Association; ASCE; Reserve Officers Association.

Dill, Earl R.....Civil.....St. Louis, Mo.
Kappa Alpha, Usher; Glee Club.

Dillard, James L.....Mechanical.....Strafford, Mo.
Independents; AIEE; Transferred from Drury College.

Dowdy, George L.....Mining-Petroleum.....University City, Mo.
Kappa Sigma, Vice-President; AIMME; Rollamo Board, Circulation Staff; Miner Board, Circulation Manager; Interfraternity Council, President.

Duchek, Burton James.....Mechanical.....St. Louis, Mo.
Alpha Epsilon Pi, Lieutenant Master; ASME; Student Council; SAE.

Durham, Robert S.....Mining.....Fort Smith, Ark.
AIMME.

Dye, Clifford W.....Science-Geology.....St. Louis, Mo.
Sigma Phi Epsilon; AICHe; Photo Club; Miner Board, News Staff, Managing Editor; SAME; Interfraternity Council; C. L. Dake Geology Society; Blue Key; Theta Tau; Rollamo Board; AIMME; Honor List; Silver Key; Miner Board Award; Phi Kappa Phi Award; Tau Beta Pi; Student Assistant, Geology Department.

Eason, Jack L.....Civil.....St. Louis, Mo.
Pi Kappa Alpha, Secretary; Rollamo Board; ARBA, Treasurer, Vice-President; Theta Tau, Treasurer; Blue Key, Corresponding Secretary, President; Freshman Class, Vice-President; ASCE; Chi Epsilon; Honor List; Student Assistant, Drawing Department.

Edwards, Gene Walker.....Civil.....St. Louis, Mo.
Triangle, Vice-President; "M" Club; Rollamo Board; Basketball (Lettered); Track Squad (Lettered); Reserve Officer's Association; Honor List; Student Assistant, Petroleum Engineering Department.

Eichenberger, Thomas L.....Metallurgy.....Herculeum, Mo.
American Foundrymen Society.

Ellis, Eugene W.....Electrical.....Rolla, Mo.
AIEE, Chairman of Social Committee.

Englund, John O.....Metallurgy.....Hibbing, Minn.
Gamma Delta; Beta Sigma Psi; Glee Club; Tech Club; Track (Lettered); ASM; Transferred from Hibbing Junior College.

Farrer, Robert E.....Civil.....Rolla, Mo.
Canterbury Club.

Faulkner, William Harrison.....Metallurgy.....Rolla, Mo.
Sigma Phi Epsilon; Honor List; Missouri Academy of Science, President; Tau Beta Pi, Recording Secretary; Honor List; Phi Kappa Phi Award.

Ferber, Kenneth Edward....Ceramics....Webster Groves, Mo.
Theta Kappa Phi, Vice-President; ACS; Rollamo Board; Miner Board; St. Pat's Board; Golf Squad; Miner Board Award; Student Assistant, Library.

Finley, John L.....Electrical.....Lamar, Mo.
Independents.

Fiola, David Frank.....Civil.....Alton, Ill.
U. S. Naval Reserve Research Unit; ASCE.

Fisher, Robert B., Jr.....Civil.....Rolla, Mo.
Alpha Epsilon Pi; Glee Club; Esperanto Club; Honor List; ROTC Band; Spelunkers; Varsity Rifle; St. Pat's Board.

Nineteen Fifty-three

Fitz Gibbon, Harry John.....Mining.....DeSoto, Mo.
Theta Kappa Phi, Assistant Steward; AIMME; Pershing
Rifles; ROTC Band; Honor List.

Flood, Walker L.....Mechanical.....Belle, Mo.
ASME; Honor List; Silver Key Award; Tau Beta Pi.

Gephart, Charles Dale.....Ceramics.....Malvern, Ark.
Tech Club; American Ceramic Society; MSPE; Transferred
from University of Arkansas.

Getson, Eugene M.....Civil.....Joliet, Ill.
Kappa Alpha, Vice-President, Treasurer; St. Pat's Board;
Chi Epsilon, Treasurer; Phi Kappa Phi Award; Honor List;
Student Assistant, Civil Engineering Department; Trans-
ferred from Joliet Junior College.



Flood
Garten
Gillham

Ford
Gegel
Gjelsteen

Fosha
Gephart
Gordon

Freebersyser
Getson
Gotsch

Frey
Gilbreath
Govatos

Ford, John R.....Ceramics.....Cornland, Ill.
Independents; Tech Club; Keramos; ACS, Vice-President;
Honor List; Phi Kappa Phi Award; Tau Beta Pi; Silver Key
Award.

Fosha, Albert Alfred.....Civil.....Alton, Ill.
Theta Xi, President, Vice-President; Chi Sigma, Vice-Pres-
ident; Glee Club; Spelunkers, Research Manager; Honor
List; Tau Beta Pi; Phi Kappa Phi Award; Gold Key Award.

Freebersyser, George J.....Chemical Eng.....St. Louis, Mo.
Independents; Tech Club; Alpha Phi Omega; AIChE; Stu-
dent Council; Alpha Chi Sigma, Historian, Treasurer; Board
of Trustees of Student Publications; BSU, Treasurer; Student
Assistant, Chemical Engineering Department.

Frey, Martin A.....Civil.....East St. Louis, Ill.
Independents; Engineer's Club; Chi Epsilon; Transferred
from Belleville Township Junior College.

Garten, Randal Lee.....Civil.....Rolla, Mo.
Triangle; Glee Club; MSM Rifle Club; ASCE, Treasurer; Re-
serve Officers Association; Honor List; Student Assistant,
Library.

Gegel, Donald Lee.....Civil.....Marissa, Ill.
Lambda Chi Alpha; ASCE; BSU; Engineer's Club; Wesley
Foundation; Chi Epsilon.



Geologists viewing with microscopes.

Senior Class

Gilbreath, Rodney Earl.....Electrical.....Affton, Mo.
Tech Club; Eta Kappa Nu, Treasurer; AIEE; Honor List; Phi
Kappa Phi Award; Silver Key; Tau Beta Pi; Student Assistant,
Electrical Engineering Department; Westinghouse
Achievement Scholarship.

Gillham, Virgil L.....Civil.....Rolla, Mo.
Independents; Curators Award.

Greiten, John Peter.....Chemical Eng.....St. Louis, Mo.
Theta Kappa Phi; Glee Club; Miner Board; Rollamo Board;
Alpha Chi Sigma; AIChE.

Hagemeier, Dwight F.....Metallurgy.....Hannibal, Mo.
Independents; ASM; AIME; American Foundrymen Society;
Transferred from La Grange College.



Gray
Hamby
Hays

Greaves
Hammond
Heeger

Gregoire
Hansen
Heimbaugh

Greiten
Hargraves
Heller

Hagemeier
Harper
Hendrickson

Halterman
Haynes
Hendrix

Gjelsteen, Thor.....Mining.....Brooklyn, N. Y.
Theta Xi; "M" Club; AIME; Football (Lettered); Jackling
Terrace Council; Vice-President, Junior Class; Student Assistant,
Petroleum Engineering Department.

Gordon, Robert Eugene.....Electrical.....Ferguson, Mo.
Kappa Sigma; AIEE; Spelunkers; Honor List.

Gotsch, Richard W.....Ceramics.....Jennings, Mo.
Sigma Pi, Secretary, Vice-President; ACS; Interfraternity
Council.

Govatos, John N.....Mining-Geology.....Wilmington, Dela.
Kappa Alpha, Sergeant-at-Arms; Detonators; Miner Board;
Pershing Rifles; Canterbury Club, Vice-President; AIME;
Interfraternity Council; Student Assistant, Drawing Department;
Missouri College Newspaper Association Award.

Gray, Joe Edwin.....Mining-Geology.....St. Louis, Mo.
Sigma Nu, Recorder; St. Pat's Board, Treasurer; AIME;
Theta Tau; Tennis Squad; Intramural Athlete of 1951-52.

Greaves, Bruce A.....Civil.....St. Louis, Mo.
Triangle, Corresponding Secretary; Rollamo Board; Rollamo
Board Key; Miner Board; Photo Club; ASCE; Volunteer Research
Reserve Unit.

Gregoire, William R.....Mining-Geology.....Mattoon, Ill.
Sigma Nu; C. L. Dake Geology Society; Tennis Team; Transferred
from Eastern Illinois State Teacher's College.

Halterman, Vance M.....Mechanical.....St. Louis, Mo.
ASME.

Hamby, John K.....Mining-Petroleum.....Alton, Ill.
Independents; Petroleum Club; St. Pat's Board; AIMME;
Theta Tau.

Hammond, William B., Jr.....Mechanical.....Rolla, Mo.
Independents; ASME.

Hansen, Peter Gardner.....Civil.....Bowling Green, Mo.
Sigma Phi Epsilon; Photo Club; Miner Board; Rollamo Board;
SAME; Chi Epsilon; Blue Key; Student Assistant.

Hargraves, George E.....Mining.....Coello, Ill.
Independents; Rollamo Board; Student Council; AIMME;
Board of Trustees of Student Publications.

Harper, Wallace T.....Ceramics.....Malvern, Ark.
Independents; St. Pat's Board; ACS; MSPE; Keramos; Sigma
Gamma Epsilon.

Haynes, Myron Burgett.....Civil.....Mt. Pulaski, Ill.
Chi Epsilon; Theta Tau.

Hays, Donald Lloyd.....Civil.....Steeleville, Ill.
Tau Kappa Epsilon; ASCE; Chi Epsilon.



Henriksen
Hoppler
Irvin

Henry
Horine,
Jones, R.

Hoffstetter
Howe
Jones, V.

Holland
Hughen
Jost

Hoppe
Hughes
Justice

Nineteen Fifty-three

Heeger, Charles Henry.....Civil.....Union, Mo.

Heimbaugh, Kenneth G.....Civil.....Jackson, Mo.
ASCE; ARBA; Chi Epsilon; Transferred from Southeastern
Missouri State Teacher's College.

Heller, Marvin S.....Mining-Geology.....Central Falls, R. I.
AIMME; Student Assistant; Transferred from University of
Alabama.

Hendrickson, Richard C.....Mechanical.....Carthage, Mo.
ASME; BSU; Transferred from Joplin Junior College.

Hendrix, James Steven.....Mining-Geology.....Coffeyville, Kans.
Transferred from Coffeyville College and Kansas State
Teacher's College.

Henriksen, Svend Erik J.....Mining-Geology.....Ithaca, N. Y.
International Fellowship; Transferred from Cornell.

Henry, Joe Aton.....Metallurgy.....Hurley, N. M.
Independents; ASM; APO; American Foundrymen Society.

Hoffstetter, Gerald W.....Chemical Eng.....Fieldon, Ill.
Beta Sigma Psi; AICHE; Transferred from Valparaiso Uni-
versity.

Holland, Richard Oscar.....Chemical Eng.....Nevada, Mo.
Kappa Alpha; AICHE; Rifle Club; Varsity Rifle Squad;
Pershing Rifles; Alpha Chi Sigma; Tau Beta Pi.

Hoppe, Harry M., Jr.....Mining.....Rolla, Mo.
AIME.

Hoppler, Jarvis A.....Mechanical.....Joliet, Ill.
Rifle Club; SAE; AIME; Tau Beta Pi; Student Assistant;
Transferred from Joliet Junior College.

Horine, Robert A.....Mechanical.....Richwoods, Mo.
Independents; ASME; Student Council.

Howe, Bernard F.....Mining-Geology.....Webster Groves, Mo.
Sigma Phi Epsilon; Miner Board; Rollamo Board; AIME.

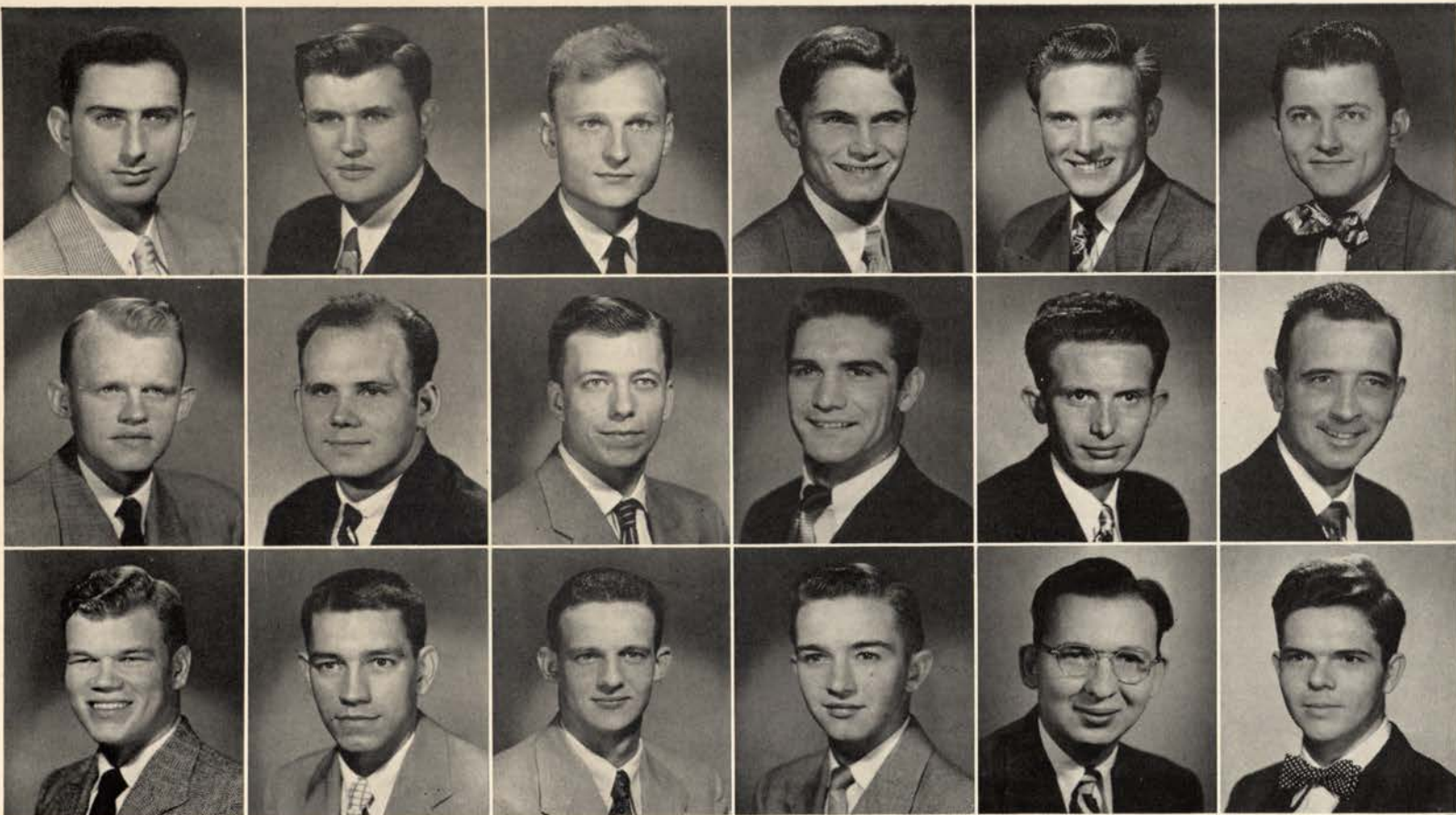
Hughen, Marvin Lee.....Metallurgy.....Rolla, Mo.
Independents; ASM; American Foundrymen Society; Tau
Beta Pi.

Hughes, Judson A., Jr.....Mechanical.....Hannibal, Mo.
ASME; APO; SAE; Transferred from La Grange College.

Irvin, Walter Lee.....Metallurgy.....Poplar Bluff, Mo.
Rifle Club; Rifle Squad; Glee Club; American Foundrymen
Society; MSM Dormitory Council; Transferred from Schreiner
Institute.

"Just loafing" in front of New Dorm.





Katz
Kinert
Krueger

Keel
Kinnan
Kruger

Keil
Kirk
Kuster

Kemp
Koederitz
La Bouff

Kent
Kronmueller
Landolt

Kerr
Krouse
Lang

Senior Class

Jones, Robert Allen.....Civil.....Bevier, Mo.
Kappa Sigma; ASCE; Theta Tau.

Jones, Vernon T.....Civil.....Lee's Summit, Mo.
Independents; MSM Dormitory Council; Transferred from
Central Missouri State Teacher's College.

Jost, Robert D.....Civil.....St. Louis, Mo.
Theta Xi; ASCE; Rollamo Board; Interfraternity Council;
Transferred from Washington University.

Justice, LeRoy.....Mining.....Justice, W. Va.
Sigma Phi Epsilon; AIMME; Transferred from Marshall
College.

Katz, Manfred.....Mechanical.....Rolla, Mo.
ASME; Transferred from Harris Teacher's College.

Keel, George W.....Metallurgy.....Trivoli, Ill.
Transferred from Bradley Polytechnical College.

Keil, Edward John.....Chemical Eng.....Ferguson, Mo.
Theta Kappa Phi, Pledge Master; Miner Board; Rollamo
Board; AIChE; Student Assistant.

Kemp, Arthur Hall III.....Civil.....Columbia, Mo.
Sigma Nu; Miner Board; Rollamo Board; ASCE.

Kent, Nevada A.....Civil.....Kansas City, Mo.
Sigma Nu, Secretary; Commander, "M" Club; Track Squad;
Transferred from Fort Scott College.

Kerr, David W., Jr.....Mechanical.....Rolla, Mo.
ASME, Secretary.

Kinert, Roy Dean.....Ceramics.....Mt. Pulaski, Ill.
Tech Club; Independents, Vice-President; ACS; ASME, Secre-
tary; Keramos, Treasurer, Vice-President; Theta Tau.

Kinnan, Roe B.....Mechanical.....Carni, Ill.
ASME; Honor List; Phi Kappa Phi Book Plate Award; L. W.
James Scholarship; Silver Key Award; Tau Beta Pi.

Kirk, Eugene J.....Mining-Geology.....Kansas City, Mo.
Independents; Spelunkers, Board Member; Student Council,
Alternate; Sigma Gamma Epsilon, Corresponding Secretary;
C. L. Dake Geology Society; Honor List; Transferred from
Harris Teacher's College.

Koederitz, Thomas L.....Mechanical.....St. Louis, Mo.
Tau Kappa Epsilon, President, Sergeant-at-Arms, Vice-
President, Secretary-Treasurer; Interfraternity Council; Foot-
ball (Lettered); AIME; Blue Key; "M" Club; Theta Tau,
Secretary; Honor List.

Kronmueller, William W.....Civil.....Normandy, Mo.
ASCE; Chi Epsilon; Honor List; Transferred from St. Louis
University.

Krouse, George E.....Mining-Geology.....Salem, Ill.
Independents; Tech Club; Petroleum Club; Honor List; Trans-
ferred from Eureka College.

Krueger, Lloyd M.....Electrical.....St. Louis, Mo.
Independents; Dormitory Council; Varsity Swimming Team;
AIEE; Student Educational Scholarship.

Kruger, Rayford S.....Mechanical.....Ste. Genevieve, Mo.
Engineer's Club; ASM; American Foundrymen Society; SAE;
American Brake Shoe Scholarship; Phi Kappa Phi; Tau Beta
Pi, Recording Secretary; Honor List; Gold Key.

Kuster, Ralph L., Jr.....Mechanical.....St. Louis, Mo.
Triangle; Society of Auto Engineers; Independents; ASME,
Vice-President; Transferred from Harris Teacher's College.

LaBouff, Gerald J.....Civil.....St. Joseph, Mo.
Tech Club, Board of Control, Business Manager; ASCE; Wes-
ley Foundation; ARBA; Chi Epsilon; Honor List; Tau Beta Pi.

Landolt, Joseph A.....Electrical.....St. Louis, Mo.
Radio Club; AIEE.

Nineteen Fifty-three

Lang, Eugene A.....Chemical Eng.....Arnold, Mo.
Sigma Phi Epsilon; AICHE; Miner Board, Business and Ad-
vertising Staff, Advertising Manager; Theta Tau; Student
Council.

Larson, Andrew H.....Metallurgy.....LaSalle, Ill.
Honor List; A. S. & R. Scholarship; Tau Beta Pi; Transferred
from La Salle Peru-Oglesby Junior College.

Ludewig, James Francis.....Civil.....St. Louis, Mo.
Theta Kappa Phi, Executive Council; ACS; Rollamo Board;
Miner Board, Associate Editor; Student Council; ASCE; Mis-
souri Miner Board Award.

Lus Louis M.....Mining.....Rolla, Mo.
AIMME; Dormitory Council.



Larson
Lipensky
Lynch

Lee
Lischer
McBeth

Leitner
Lo
McBrayer

Leoponis
Ludewig
McClaine

Lilly
Lus
McDonald

Lee, Walter.....Mining.....Rolla, Mo.
Basketball "B" Team; Canterbury Club; AIMME; Trans-
ferred from U. S. Merchant Marine Academy.

Leitner, Wells Norris.....Civil.....Rolla, Mo.
Canterbury Club; Honor List; Student Assistant, Drawing
Department.

Leoponis, Andrew E.....Electrical.....St. Louis, Mo.
Independents; AIEE; Transferred from Harris Teacher's
College.

Lilly, Donald Lee.....Civil.....Hannibal, Mo.
Chi Epsilon, Treasurer; Wesley Foundation; Honor List; Phi
Kappa Phi; Tau Beta Pi; Transferred from Hannibal-Le
Grange College.

Lipensky, Milan.....Mining-Geology.....Chicago, Ill.
Independents; AIMME; C. L. Dake Geology Society; Trans-
ferred from University of Illinois.

Lischer, Harry R.....Civil.....St. Louis, Mo.
Sigma Phi Epsilon, Custodian, Comptroller; Spelunkers;
ASCE; Alpha Phi Omega; Miner Board, Business and Ad-
vertising Staff; SAME, Vice-President; Rollamo Board, Busi-
ness and Advertising Board; Photo Club, Custodian; Student
Assistant, Civil Engineering Department.

Lo, Wing-Cheuk.....Ceramics.....Kowloon, Hong Kong
ACS; Keramos; Honor List; Rotary Foreign Scholarship;
Transferred from Luizan University of China with a Bachelor
of Science Degree in Chemical Engineering.



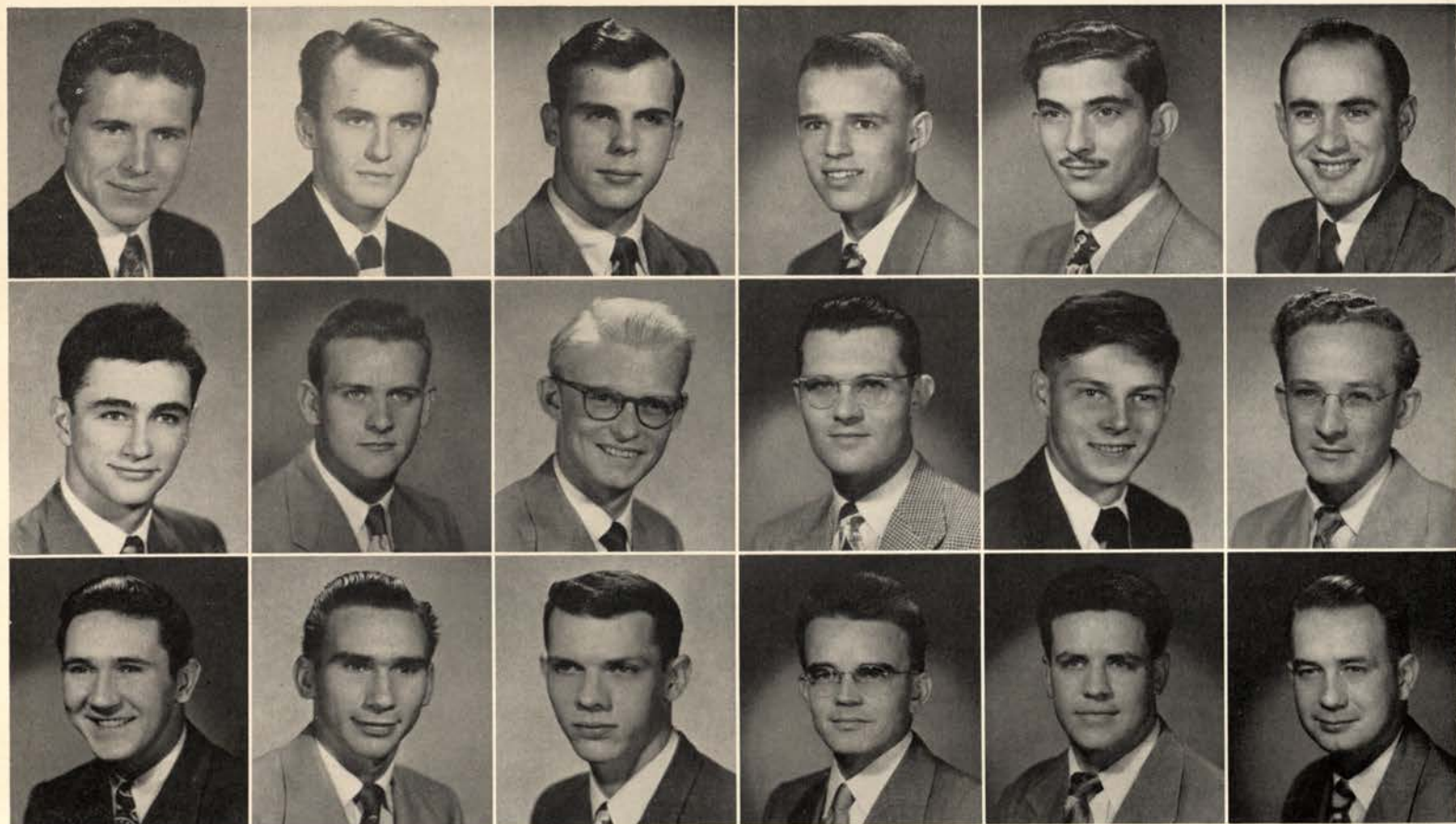
Examining equipment in E.E. Lab.

Senior Class

Lynch, Jerry Kenneth.....Chemical Eng.....Independence, Mo.
Engineer's Club; Independents; AICHe, Vice-President, Junior Representative; MSPE, Treasurer; Wesley Foundation, Treasurer; Baptist Student Union; Alpha Phi Omega, Treasurer, Vice-President; Alpha Chi Sigma; Tau Beta Pi, Corresponding Secretary; Phi Kappa Phi Book Plate Award; Alpha Chi Sigma Junior Award; Gold Key Award; AICHe Junior Award; A. P. Green Scholarship.

McMasters, Richard N.....Civil.....St. Louis, Mo.
Theta Xi, Senior Elder, Steward; Alpha Chi Sigma; Honor List.

McNeill, Richard L.....Mechanical.....Kewanee, Ill.
Engineer's Club; Independents; ASME.



McDowell
March
Midgley

McKee
Mason
Miele

McMasters
May
Million

McNeill
Meek
Minnis

Madison
Mertens
Modde

Mangnall
Meyers
Montgomery

McBeth, Joseph D.....Mining.....Bevier, Mo.
Honor List.

McBrayer, Ernest T.....Metallurgy.....Houston, Tex.
Independents; Kappa Sigma; Dormitory Council; AIMME, Vice-President; American Foundrymen Society, Membership Chairman; Transferred from University of Houston.

McClaine, James D.....Mining-Petroleum.....New Ross, Ind.
Independents; Tech Club; Petroleum Club; AIME; Wesley Foundation; Honor List.

McDonald, John R.....Mining-Geology.....Newark, N. J.
Canterbury Club; C. L. Duke Geology Society; Dormitory Council, Alternate; Honor List.

McDowell, Charles M.....Electrical.....Kaiser, Mo.
Engineer's Club; Eta Kappa Nu; Radio Club; Theta Mu; Reserve Officers Association; Honor List; SAME Junior Award; AIEE, Treasurer, First Prize, Student Papers Contest; Gold Key Award; Gold Medal Award; Tau Beta Pi, President; Phi Kappa Phi, Book Plate Award; Student Educational Scholarship; Honor List; Student Assistant, Electrical Engineering Department.

McKee, David Benson.....Chemical Eng.....Springfield, Mo.
Dormitory Council; AICHe, President; Honor List; Student Assistant, Chemical Engineering Department; Transferred from Southeastern Missouri State Teacher's College.

Madison, Robert T.....Mechanical.....Crystal City, Mo.
Engineer's Club; Independents; ASME; Student Council; Society of Auto Engineers.

Mangall, Tom E.....Electrical.....Richmond, Mo.

March, Robert Calvin.....Electrical.....Joplin, Mo.
Esperanto Club; MSM Dormitory Council; AIEE; Transferred from Joplin Junior College.

Mason, Junior Lloyd.....Chemical Eng.....Hannibal, Mo.
Sigma Phi Epsilon, Guard; Dormitory Council; AICHe; Alpha Chi Sigma; Student Assistant, Chemical Engineering Department.

May, Robert Charles.....Chemical Eng.....Orange, N. J.
Dormitory Council; ROTC Band; AICHe, Secretary.

Meek, William.....Electrical.....St. Louis, Mo.
Tech Club; AIEE, Treasurer; Transferred from Washington University.

Mertens, Howard R.....Mining.....Flushing, N. Y.
Independents; AIMME.

Meyers, William G.....Electrical.....Jennings, Mo.
Tech Club; BSU; AIEE; Eta Kappa Nu, Recording Secretary; Theta Mu, Vice-President; Honor List; Varsity Rifle Squad; Student Assistant, Library.



Mueller
Niemeyer
Osbourne

Myers
Oberschelp
Park

Neiman
Oefelein
Paschedag

Nelson, A.
Ordemann
Patterson

Nelson, W.
Orer
Paulsell

Nineteen Fifty-three

Midgley, Myles Joseph.....Mechanical.....St. Louis, Mo.
Tau Kappa Epsilon; Rollamo Board; Track Squad.

Miele, Louis A.....Mining-Geology.....Newark, N. J.
Spelunkers; C. L. Dake Geology Society; AIMME.

Million, Thomas Edward.....Electrical.....St. Louis, Mo.
Independents; Radio Club, Secretary, Treasurer; AIEE; Stu-
dent Council, Alternate.

Minnis, Hubert D.....Mechanical.....Rolla, Mo.
Pi Kappa Alpha; Baptist Student Union; ASME, Chairman;
Student Assistant, Registrar's Office.

Modde, Dale Edward.....Civil.....Belgique, Mo.
Theta Kappa Phi, Sergeant-at-Arms; Rollamo Board.

Montgomery, Dennis M.....Mining.....Taylorville, Ill.
AIMME.

Mueller, Donald Lester.....Mechanical.....St. Louis, Mo.
Glee Club; ASME.

Myers, Eugene William.....Civil.....St. Joseph, Mo.
Independents; ASCE; ARBA; BSU, Secretary; Tech Club,
President; Inter-Faith Council.

Neiman, Alfred Stanley.... Metallurgy.... University City, Mo.
Alpha Epsilon Pi, Vice-President; AFS; Interfraternity Coun-
cil; ASM; Sigma Gamma Epsilon; Tau Beta Pi; Transferred
from Washington University.

Nelson, Allan R., Jr.....Mining.....Proctorville, Ohio
Theta Xi; Canterbury Club; Transferred from Marshall
College.

Nelson, William F.....Mining-Petroleum.....Nebo, Mo.
AIMME; Petroleum Club; Tau Beta Pi.

Niemeyer, Norman William.....Civil.....St. Louis, Mo.
Tau Kappa Epsilon.

Oberschelp, William Fred.....Electrical.....St. Louis, Mo.
Sigma Nu; Cheerleader; AIEE.

Oefelein, John James.....Electrical.....Jennings, Mo.
Theta Kappa Phi; Rollamo Board; AIEE; Theta Tau.

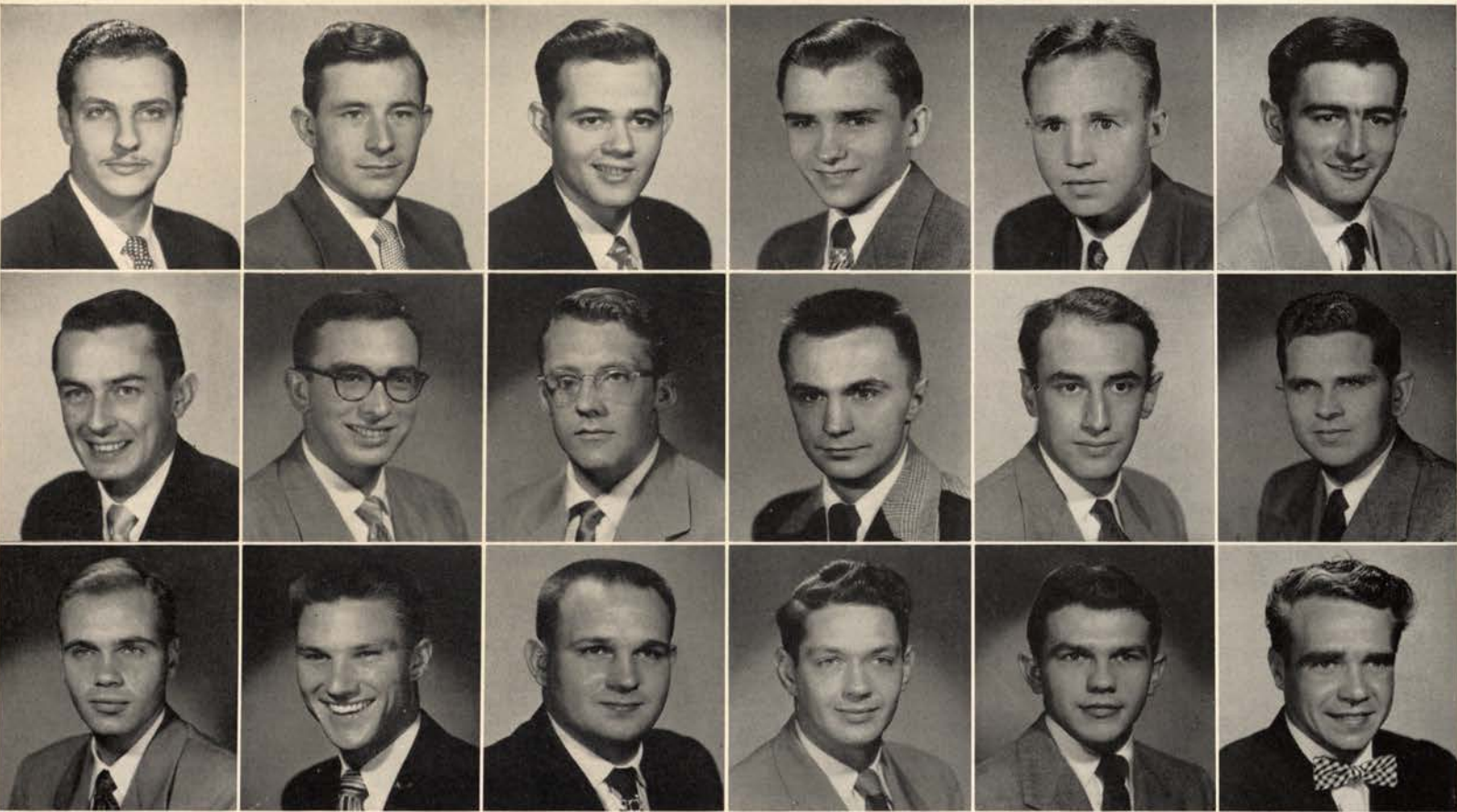
Ordemann, Robert George.....Civil.....Rolla, Mo.
Pi Kappa Alpha; ARBA; Rollamo Board; Miner Board; ASCE,
Secretary, Vice-President, Editor of "Civilizer"; Honor List;
Chi Epsilon; Tau Beta Pi; Transferred from Springfield
Junior College.

Orer, Dundar Saim.....Civil.....Ankara, Turkey
Transferred from University of Texas.

Osbourne, Claude James.....Electrical.....Neosho, Mo.
Independents; Mosamo Club, Chairman; Dormitory Council;
AIEE; Theta Mu; Eta Kappa Nu, Bridge Correspondent,
President; Tau Beta Pi; Transferred from Joplin Junior Col-
lege.

"Looking over" crystals in Geology Lab.





Perret
Rabe
Richter

Plunkett
Rasche
Riemenschnitter

Pohlman
Reeg
Robbins

Poschel
Reschetz
Robel

Prickett
Reyes
Roberson

Proctor
Reynolds
Roberts, F.

Senior Class

Park, William Roy.....Mining.....Kansas City, Mo.
Transferred from University of Kansas.

Paschedag, Charles.....Metallurgy.....Granite City, Ill.
Triangle, Recording Secretary; Rollamo Board; Student Council; Track Squad.

Patterson, William E.....Mining.....Bolivar, Mo.
Independents; Petroleum Club; Secretary-Treasurer; Tech Club; Pershing Rifles; Librarian; Student Council; BSU; AIME; St. Pat's Board; Spelunkers; Music Club; Sigma Gamma Epsilon; Steinmesch Award; Tau Beta Pi; Enoch R. Needles Speech Award.

Paulsell, Bob Lynn.....Mining-Petroleum.....Rolla, Mo.
Sigma Gamma Epsilon, Corresponding Secretary; Tech Club; Petroleum Club.

Perret, Alberto E.....Mechanical.....Union De Reyes, Cuba
Tech Club; ASME; Student Assistant, Drawing Department.

Plunkett, Jerry D.....Ceramics.....Dixon, Mo.
ACS, Treasurer; Photo Club; Alpha Phi Omega; Keramos; Sigma Gamma Epsilon; Tau Beta Pi; Student Assistant, Ceramic Department.

Pohlman, Ronald Lee II.....Mechanical.....University City, Mo.
Tau Kappa Epsilon, Secretary, President; St. Pat's Board; Theta Tau, President; Blue Key, Secretary-Treasurer, Vice-President; ASME.

Poschel, Eugene J.....Electrical.....Springfield, Mo.
Independents; AIEE.

Prickett, Lloyd Carrol.....Mechanical.....Thompsonville, Conn.
ASME.

Proctor, Donald E.....Civil.....Carthage, Mo.
Independents; Engineer's Club; ASCE; Chi Epsilon.

Rabe, Harold E.....Civil.....Anutt, Mo.
Kappa Alpha; MSPE.

Rasche, Robert.....Electrical.....Cape Girardeau, Mo.
Independents; Engineer's Club; Alpha Phi Omega, Sergeant-at-Arms; AIEE, Vice Chairman; Theta Mu; Radio Club; Eta Kappa Nu, Corresponding Secretary; Transferred from Southeastern Missouri State Teacher's College.

Reeg, Richard L.....Electrical.....St. Louis, Mo.
Sigma Pi, Pledge Master; Football; St. Pat's Board; "M" Club; AIEE.

Reschetz, Raymond Rudy.....Mining.....Evanston, Ill.
Tau Kappa Epsilon; AIME; ROTC Band; C. L. Dake Geology Society.

Reyes, Mauricio.....Civil.....Bogota, Colombia
Independents; Tech Club; International Fellowship.

Reynolds, Joe B.....Civil.....Bell City, Mo.
Engineer's Club; ASCE.

Richter, Robert R.....Science-Geology.....St. Louis, Mo.
Theta Kappa Phi; Miner Board; Rollamo Board; Blue Key; C. L. Dake Geology Society; Student Assistant, Geology Department; Transferred from Harris Teacher's College.

Riemenschnitter, Donald L.....Civil.....Grandview, Mo.
Tau Kappa Epsilon; Photo Club; Interfraternity Council.

Robbins, Clay.....Civil.....Poplar Bluff, Mo.
Pi Kappa Alpha, Historian; ASCE, President; Rollamo Board; ARBA, Secretary; SAME, President; Chi Epsilon; Gold Key; Phi Kappa Phi; Blue Key, Secretary-Treasurer; Tau Beta Pi, Vice-President; MSPE, President; Frank L. Flynt Award; Distinguished Military Student; Vice-President, Sophomore Class; Student Assistant, Civil Engineering Department.

Robel, Michael C.....Electrical.....Jefferson City, Mo.
Eta Kappa Nu; Tech Club; AIEE.

Roberson, Howard L.....Metallurgy.....Granite City, Ill.
Lambda Chi Alpha; Interfraternity Council; ASME; Theta Tau; Blue Key.

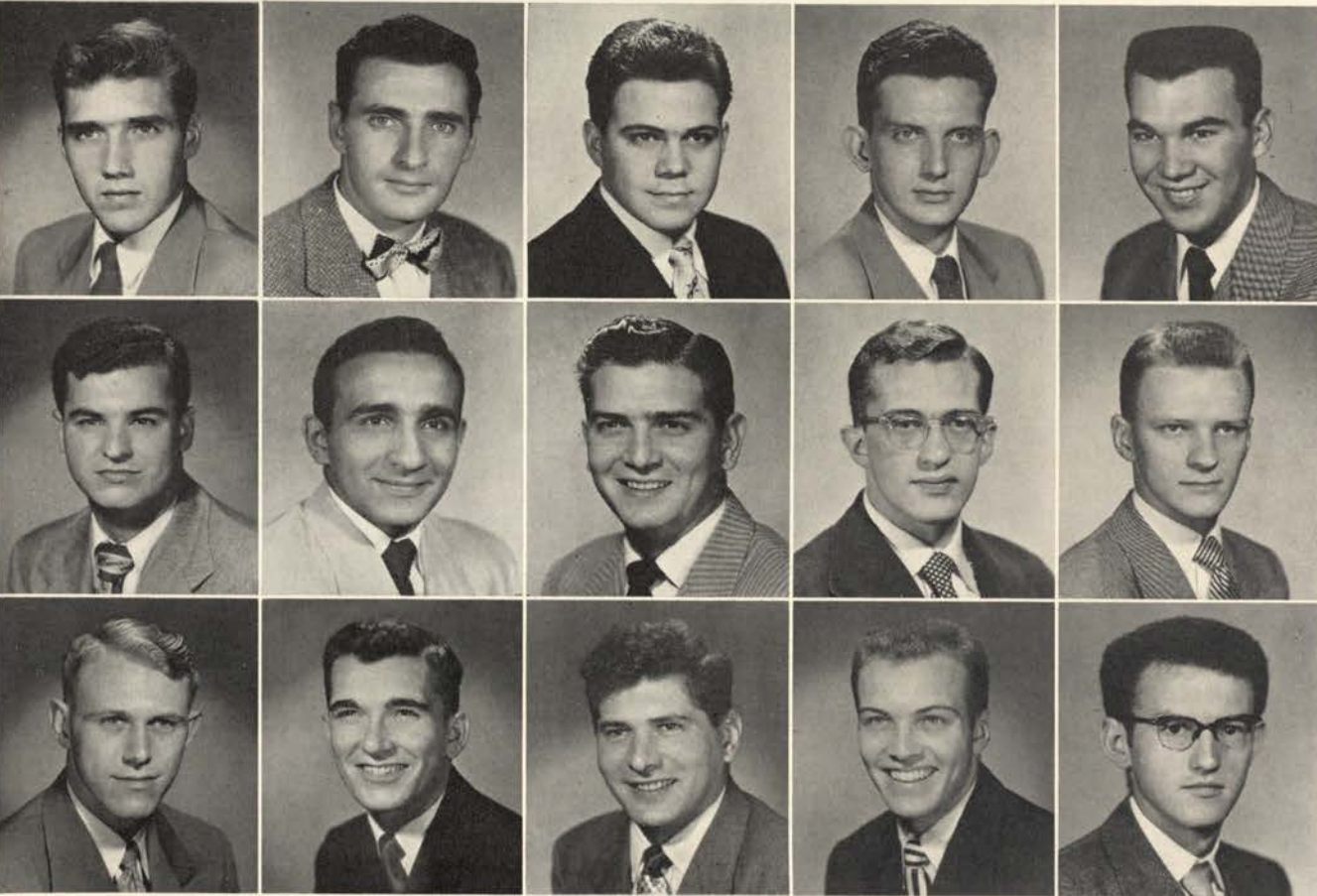
Nineteen Fifty-three

Roberts, Fred E., Jr.....Mining.....Springfield, Ill.
Tau Kappa Epsilon; Petroleum Division of AIME; Theta Tau;
Blue Key.

Roberts, James F.....Civil.....Springfield, Mo.
Tech Club; Glee Club; AIEE; ARBA; Transferred from
Southwestern Missouri State Teacher's College.

Schejbal, John William.....Electrical.....St. Louis, Mo.
Pi Kappa Alpha; Rollamo Board; ROTC Band; AIME.

Schemel, John Henry.....Metallurgy.....Alden, N. Y.
ROTC Band; Rifle and Pistol Club; Pershing Rifles; Engi-
neer's Club; ASM; American Foundrymen Society; Miner
Board; Tau Beta Pi.



Roberts, J.
Sacks
Schemel

Robinson
Sanders
Schurick

Rosekrans
Schaefer
Seipel

Rosine
Scharf
Smith

Ruppert
Schejbal
Spencer

Robinson, Paul David.....Mining.....Clyde, N. Y.
Triangle; Rollamo Board; AIME; Photo Club; Petroleum
Club.

Rosekrans, Norman Anderson.....Electrical.....Jennings, Mo.
Sigma Pi; AIEE; Transferred from Southeastern Missouri
State Teacher's College.

Rosine, Larry Lee.....Electrical.....Kansas City, Mo.
Glee Club; Radio Club; Dormitory Council; AIEE; Trans-
ferred from Kansas City Junior College.

Ruppert, Theodore A.....Mining.....Affton, Mo.
Kappa Sigma; Rollamo Board; Miner Board; Theta Tau;
Petroleum Division, AIME; Interfraternity Council.

Sacks, Raymond James.....Mechanical.....St. Louis, Mo.
Independents; ASME; MSPE; Dormitory Council; Society of
Auto Engineers.

Sanders, Connelly, Jr.....Metallurgy.....Rolla, Mo.
Sigma Nu; Detonators; Miner Board; Canterbury Club;
Pershing Rifle Club; ASM; Interfraternity Council; Theta
Tau.

Schaefer, Louis A.....Civil.....St. Joseph, Mo.
Engineer's Club; ASCE.

Scharf, Fred.....Mining.....Chicago, Ill.
Independents; Spelunkers; Dormitory Council; AIMME; C. L.
Dake Geology Society; Transferred from Wright College.



Measuring torque in E.E. Lab.

Senior Class

Schurick, Nicholas.....Civil.....Westchester, N. Y.
Independents; Lambda Chi Alpha; MSPE; ASCE.

Seipel, John R., Jr.....Civil.....Poplar Bluff, Mo.
ASCE; SAME; ARBA.

Smith, Bert Louis.....Mechanical.....St. Louis, Mo.
Pi Kappa Alpha, House Manager; "M" Club; Track; Miner
Board; ASME, Chairman; Blue Key.

Stowe, James Richard.....Electrical.....Morley, Mo.
Transferred from Southeastern Missouri State Teacher's
College.

Strohbeck, Eugene Earl.....Civil.....Alton, Ill.
Independents; ASCE; ARBA; MSPE, State Representative;
Chi Epsilon; Engineer's Club; Transferred from Shurtleff
College.



Spitler
Stoddard
Thompson, G.

Stearns
Stowe
Thompson, J.

Steele
Strohbeck
Thrall

Stephenson
Summitt
Tiernon

Stewart, R.
Suren
Tietjens

Stewart, W.
Tellefsen
Tooloose

Spencer, Donald W.....Civil.....Rolla, Mo.
Tech Club; Glee Club; Hammer Throwers, Vice-President;
Wesley Foundation; Alpha Phi Omega; Detonators; Pershing
Rifles, Commanding Officer; MSM Photo Club, Secretary-
Treasurer; ASCE; Student Assistant, Civil Engineering De-
partment; Librarian.

Spitler, Robert Charles.....Mechanical.....St. Louis, Mo.
Pi Kappa Alpha; ASME; Rollamo Board.

Stearns, George W.....Mechanical.....St. Louis, Mo.
Gamma Delta; ASME; Beta Sigma Psi; Transferred from
Harris Teacher's College.

Steele, David Ingram.....Civil.....West Plains, Mo.
ASCE, Treasurer, President.

Stephenson, Bennie Eugene.....Civil.....Overland, Mo.
Lambda Chi Alpha; MSM Rifle Club; Baptist Student Union,
President; Theta Tau.

Stewart, Robert Emery.....Metallurgy.....Rolla, Mo.
Kappa Sigma; ASM.

Stewart, William H.....Civil.....Lexington, Mo.
Tech Club, Board of Control; Football Squad; "M" Club.

Stoddard, George R.....Mining-Petroleum.....Larchmont, N. Y.
Sigma Phi Epsilon; MSM Rifle and Pistol Club; St. Pat's
Board; Rollamo Board; Canterbury Club; Miner Board,
News Staff; Tennis Squad; AIME; Theta Tau.

Summitt, Gordon Thornton.....Mechanical.....Malden, Mo.
SAME, Secretary; Wesley Foundation; Transferred from
Arkansas State College.

Suren, Robert George.....Mechanical.....St. Louis, Mo.
Theta Kappa Phi, Vice-President; Glee Club; Student Coun-
cil; Student Council Award; Student Assistant, Petroleum
Engineering Department.

Tellefsen, Robert Dahl.....Metallurgy.....Staten Island, N. Y.
Pi Kappa Alpha, Assistant House Manager, House Manager;
Glee Club; American Foundrymen Society; Rollamo Board.

Thompson, James Edward.....Civil.....St. Louis, Mo.
Lambda Chi Alpha; AIME; Reserve Officer Association, Re-
porter, Business Reporter.

Thompson, George Wesley.....Civil.....Hannibal, Mo.
Independents; MSM Photo Club; Engineer's Club; Rifle Club;
ASCE; Dormitory Council; Wesley Foundation; Interfraternity
Council; Chi Epsilon; Transferred from Culver Stockton
College.

Thrall, Dowell Owen.....Civil.....Joplin, Mo.
Tech Club; SAME; MSM Rifle Club; Varsity Rifle Squad;
ARBA.



Topel
Valla
Wade

Towell
Van Duyne
Wagner

Townsend
Vaughn
Wahl

Trytko
Veinhage
Watson

Tuck
Voigt
Weber, A.

Nineteen Fifty-three

Tiernon, Carlos Hershel.....Metallurgy.....St. Louis, Mo.
Sigma Nu; "M" Club; AIME; Varsity Track (Lettered); Student Assistant, Petroleum Engineering Department; American Foundrymen Society.

Tietjens, James Arthur.....Chemical Eng.....Maplewood, Mo.
Gamma Delta; Sigma Nu, Recorder; AICHE; Football Squad (Lettered); "M" Club, Treasurer; Student Assistant, Athletic Department; Varsity Swimming Team.

Toooloose, Donald Leon.....Chemical Eng.....St. Louis, Mo.
Transferred from Harris Teacher's College.

Topel, Maurice Robert.....Civil.....Gasconade, Mo.
Lambda Chi Alpha, Secretary; ASCE; Engineer's Club; Chi Epsilon, President; Theta Tau; Tau Beta Pi.

Towell, Robert Henry.....Chemical Eng.....Kansas City, Mo.
AICHE; Dormitory Council; Alpha Chi Sigma; Student Assistant in Chemical Engineering Department; Honor List; Transferred from Junior College of Kansas City.

Townsend, Robert John.....Mechanical.....St. Louis, Mo.
Tau Kappa Epsilon, Chaplain; Alpha Phi Omega; AIEE; ASME; Canterbury Club, Treasurer.

Trytko, Eugene Francis.....Electrical.....South Bend, Ind.
Sigma Phi Epsilon; AIEE, Chairman of Program Committee; Transferred from Southern Illinois University.

Tuck, Edward Fenton.....Electrical.....Rolla, Mo.
Dormitory Council; MSM Radio Club, Vice-President; Transferred from Southwestern State Teacher's College.

Valla, Robert Raymond.....Civil.....Rolla, Mo.
ASCE.

Van Duyne, Robert J.....Chemical Eng.....Kansas City, Mo.
Canterbury Club, President, Vice-President; AICHE; Glee Club; Alpha Chi Sigma; Student Assistant, Chemical Engineering Department; Honor List; Transferred from Junior College of Kansas City.

Vaughn, Eugene William.....Mechanical.....Rolla, Mo.
ASME.

Vienhage, Robert Paul.....Civil.....Springfield, Mo.
Sigma Nu; Theta Tau; Treasurer, Junior Class.

Voigt, Johnny Edmund.....Chemical Eng.....St. Louis, Mo.
AICHE; Transferred from Harris Teacher's College.

Wade, Jack Kent.....Civil.....Ponce de Leon, Mo.
Dormitory Council; Chi Epsilon; ARBA.

Wagner, Frederick R.....Electrical.....Sedalia, Mo.
Theta Mu; Eta Kappa Nu, Treasurer; AIEE; Transferred from Central Missouri State Teacher's College.

Wahl, Donald Edward.....Mechanical.....University City, Mo.
Pi Kappa Alpha; ASME; Student Assistant, Metallurgy Department.

Coffee Lab!



Senior Class of Nineteen Fifty-three

Watson, Ronald Richard.....Electrical.....Joplin, Mo.
Kappa Alpha; Theta Mu; Eta Kappa Nu; Transferred from
Joplin Junior College.

Weber, Albert LeRoy.....Mechanical.....Denver, Colo.
Engineer's Club; ASME; Petroleum Division of AIME; Trans-
ferred from Taft Junior College.

Wilcox, William Richard.....Mining.....Alliance, Ohio
AIME; Student Assistant, Geology Department; Transferred
from Kent State University.

Williams, David Edward.....Mining.....Kirkwood, Mo.
Tech Club; AIMME.



Weber, W. J.
Wilcox

Yorston

Weinland
Williams

Young, E.

Weiss, N.
Williamson

Young, J.

Weiss, R.
Willis

Zacher

West
Wiseman

Zapp

Wheeler
Wykoff

Weber, William J.....Mining-Petroleum.....Bonne Terre, Mo.
Theta Kappa Phi, Pledge Master; "M" Club; Basketball
Squad (Lettered); St. Pat's Board; Petroleum Club; AIME;
Student Assistant, Library.

Weinland, Harold A.....Mining-Petroleum.....East St. Louis, Ill.
Petroleum Club; Alpha Phi Omega; C. L. Dake Geology
Society; AIME; Transferred from Jefferson College.

Weiss, Nicholas M.....Chemical Eng.....St. Louis, Mo.
Gamma Delta; Beta Sigma Psi, Charter Member, House Man-
ager, Vice-President; AICChE; Transferred from Harris Teach-
er's College.

Weiss, Ralph B.....Science-Geology.....New York, N. Y.
Alpha Epsilon Pi; Spelunkers; Sigma Gamma Epsilon; C. L.
Dake Geology Society; Interfraternity Council; Photo Club;
AIMME; Inter-Faith Council; Student Assistant, Library.

West, Roger E.....Electrical.....St. Louis, Mo.
AIEE.

Wheeler, Jack Mitchell.....Metallurgy.....St. Louis, Mo.
Pi Kappa Alpha, Pledgemaster, Treasurer, President; Miner
Board, Managing Editor; American Foundrymen Society,
President; Rollamo Board; St. Pat's Board; Blue Key, Presi-
dent; Theta Tau; Tau Beta Pi; Student Assistant, Metallurgy
Department.

Williamson, Harry, Jr.....Mining.....Dowell, Ill.
Transferred from University of Illinois with Bachelor of Sci-
ence Degree in Electrical Engineering.

Willis, Henry Richard.....Mining-Geology.....St. Louis, Mo.
Independents, President; Spelunkers; Petroleum Club; Tech
Club; Glee Club; Canterbury Club; ROTC Band; AIME; Stu-
dent Council, Vice-President; Sigma Gamma Epsilon, Vice-
President; C. L. Dake Geology Society; Tau Beta Pi.

Wiseman, Stanley.....Mining.....St. John's, Mo.
AIME.

Wykoff, Benjamin Thomas.....Mechanical.....Rivermines, Mo.
Transferred from South Dakota School of Mines.

Yorston, Howard Joseph.....Science-Geology.....Rolla, Mo.
Tau Beta Pi.

Young, Edward Henry.....Civil.....Creve Coeur, Mo.
Theta Xi, House Manager; ASCE, President.

Young, John Curtis.....Ceramics.....Patchogue, N. Y.
ACS, President.

Zacher, Gerald Lee.....Metallurgy.....Clayton, Mo.
Sigma Nu; Engineer's Club; Miner Board; Rollamo Board;
"M" Club; Rifle and Pistol Club; Swim Squad (Three Let-
ters); AIMME; American Foundrymen Society; Theta Tau.

Zapp, James Francis.....Mining.....Janesville, Wisc.
Transferred from Wisconsin Institute of Technology.

Seniors of Nineteen Fifty-three

Without Pictures

- Affolter, Earl Gene.....Civil.....Rolla, Mo.
- Augustson, Luther B.....Civil.....Dixon, Ill.
Sigma Phi Epsilon; ASME.
- Baker, Chester Hugh.....Civil.....Rolla, Mo.
Student Assistant, Drawing Department.
- Barkley, Charles Stuart.....Chemical Eng.....Savannah, Mo.
AICHe; Transferred from St. Joseph's Junior College.
- Berry, Charles Arthur.....Chemical Eng.....Mamaroneck, N. Y.
AICHe.
- Blevins, Hugh E., Jr.....Civil.....Little Rock, Ark.
Lambda Chi Alpha; St. Pat's Board.
- Doerr, Ernie, Jr.....Civil.....St. Louis, Mo.
Track (Lettered); "M" Club.
- Fletcher, Henry Richard.....Mining.....North Bergen, N. J.
Tech Club; Alpha Phi Omega; Spelunkers, Committeeman;
AIMME; Sigma Gamma Epsilon.
- Friedrick, John Philip.....Science-Chemistry.....Green Valley, Ill.
Independents; Tech Club; Wesley Fireside; Alpha Chi
Sigma.
- Gereau, Kenneth Joseph.....Mechanical.....St. Louis, Mo.
Engineer's Club; ASME.
- Grandcolas, Paul Louis.....Mining-Petroleum.....Belleville, Ill.
Transferred from University of Illinois.
- Jankowski, Edward Joseph.....Civil.....Nashville, Ill.
ASCE; ROTC; Reserve Officers Association; Student Assist-
ant, Civil Engineering Department.
- Jenkins, Robert Dean.....Civil.....Kansas City, Mo.
Tau Kappa Epsilon; St. Pat's Board; Basketball Team; "M"
Club; Theta Tau; Transferred from University of Oklahoma.
- Jolly, John Gordon.....Civil.....Rolla, Mo.
Theta Tau, Vice-President.
- Kneareem, James L.....Mechanical.....Joliet, Ill.
Kappa Alpha, President; ASME; Student Council; SAE,
President; Student Assistant, Mechanical Engineering De-
partment.
- Lavery, Fred G.....Mechanical.....Rolla, Mo.
Canterbury Club, Secretary; Fencing Club; ASME.
- McCormick, George Franklin.....Electrical.....Kansas City, Mo.
Sigma Phi Epsilon; Eta Kappa Nu; Miner Board, Business
and Advisory Staff; Rollamo Board, Business and Advrsory
Staff; AIEE, Chairman.
- McCullough, Herbert Walker.....Electrical.....Rolla, Mo.
AIEE; Transferred from Southeastern Missouri State Teach-
er's College.
- Mathewson, Harry K.....Metallurgy.....Port Jefferson, N. Y.
Tech Club; AICHe.
- Meek, Richard William.....Metallurgy.....Rolla, Mo.
Engineer's Club; American Foundrymen Society; Transferred
from St. Joseph's Junior College.
- Mitchell, George Alan.....Mining-Geology.....Rolla, Mo.
- Mitchum, Martin M.....Science-Physiology.....Salem, Mo.
Physics Ferreters; Transferred from Southwestern Missouri
State Teacher's College.
- Moritz, John Alan.....Mining.....Gates Mills, Ohio
Transferred from Ohio State University.
- Myint, Aung.....Mining-Geology.....Toungoo, Burma
International Fellowship; BSU.
- Quatraro, William D.....Electrical.....Rockville Center, N. Y.
Independents; Rifle Club; Tech Club; Transferred from Hof-
stra College.
- Regan, Robert Henry.....Mining.....New York, N. Y.
Kappa Alpha; Rifle Club; Miner Board; C. L. Dake Geology
Society.
- Rice, Gene Milton.....Electrical.....Doniphan, Mo.
Independents; Engineer's Club; "M" Tennis; "M" Club;
AIEE; Tennis Squad; Transferred from Westminster College.
- Rutsky, Joseph M.....Civil.....Jacksonville, Ark.
Alpha Epsilon Pi; ASCE; ROTC, 2nd Lieutenant; Transferred
from Tennessee Tech.
- Schiermeyer, Harry John, Jr.....Civil.....Edwardsville, Ill.
Lambda Chi Alpha; Rollamo Board; Tech Club; Glee Club;
Reserve Officers Association; ASCE; Wesley Foundation.
- Schlesing, Darwin Bedford.....Chemical Eng.....St. Louis, Mo.
Kappa Sigma; AICHe.
- Schumann, Frank Oscar.....Mechanical.....New Rochelle, N. Y.
Rifle Club; ASME.
- Shipman, Glenn Alexander.....Electrical.....Joplin, Mo.
AIEE.
- Sitko, Walter Albert.....Mining-Geology.....Staunton, Ill.
Independents; Transferred from Central Missouri State
Teacher's College.
- Smith, Walter Raymond.....Civil.....Kennett, Mo.
Chi Epsilon; Honor List; Basketball Team (Lettered); Track
Team (Lettered); Football Team (Lettered); "M" Club, Treas-
urer; Student Assistant, Petroleum Engineering Department.
- Stevens, Don James.....Mechanical.....Independence, Mo.
Lambda Chi Alpha, Social Chairman; Tech Club.
- Swenson, Ernest LeRoy.....Metallurgy.....Keokuk, Iowa

Junior Class

Alburtis, Clarence L.....Rolla, Mo.
 Amundson, Bob Boyd.....Kirkwood, Mo.
 Ashley, Wilford M.....Casey, Ill.
 Astroth, Louis Edwin.....Kirkwood, Mo.
 Auten, Roy Dean.....Sheridan, Mo.
 Banks, William E.....Rolla, Mo.

Burns, Fredrick B.....Springfield, Mo.
 Camenzind, Jack Hazzard.....St. Louis, Mo.
 Campen, Frederick J., Jr.....Canton, Mo.
 Casler, Walter J.....Rolla, Mo.
 Chastain, William Roy.....Marionville, Mo.
 Chillik, Julius A.....Flint, Mich.



Alburtis
Barco
Burns
Chisholm

Amundson
Bieser
Camenzind
Clare

Ashley
Bogue
Campen
Cole, J.

Astroth
Borgard
Casler
Cole, K.

Auten
Bunte
Chastain
Cole, S.

Banks
Burgess
Chillik
Collier

Barco, Samuel U.....Fayette, Mo.
 Bieser, Robert B.....Bonne Terre, Mo.
 Bogue, Donald Ray.....Normandy, Mo.
 Borgard, Glenn E.....Overland, Mo.
 Bunte, Kenneth W.....Bonne Terre, Mo.
 Burgess, Alan B.....Normandy, Mo.

Chisholm, Dale.....St. Louis, Mo.
 Clare, Thomas J.....Rolla, Mo.
 Cole, Joseph B.....Rolla, Mo.
 Cole, Kenneth D.....Granby, Mo.
 Cole, Sidney Johnson.....Chicago, Ill.
 Collier, Everett J.....Owensville, Mo.



Cruse
Dowell

Crutcher
Eberle

Custead
Edmeston

Dessieux
Edmunds

Dilworth
Egan

Dixon
Ellis

Nineteen Fifty-three

Cruse, Richard Lee.....Webb City, Mo.
Crutcher, Tom Dent.....Rolla, Mo.
Custead, Jerry Russell.....Independence, Mo.
Dessieux, Paul Russell.....Linn, Mo.
Dilworth, Arthur F.....Rolla, Mo.
Dixon, William Paul.....Bennett, Mo.
Dowell, Jack Boyce.....Flat River, Mo.
Eberle, Allen Roger.....St. Joseph, Mo.
Edmeston, Maynard M.....Rochester, N. Y.
Edmunds, Robert C.....Chicago, Ill.
Egan, Paul Joseph.....Jennings, Mo.
Ellis, John Robert.....Mt. Vernon, Ill.

Feldmiller, William H.....Gerald, Mo.
Fisher, Donald G.....Danville, Ill.
Frank, Vernon Eugene.....Rolla, Mo.
French, Gordon B.....Rolla, Mo.
Fuesting, Arthur W.....Effingham, Ill.
Fuhrmeister, Harold E.....Rolla, Mo.
Fuller, Thomas R.....Palmerton, Pa.
Geisler, William F.....St. Louis, Mo.
Gerard, James A.....Park Ridge, Ill.
Giffin, Billy J.....Steeleville, Ill.
Goeddel, James Peter.....St. Louis, Mo.
Groteke, Daniel Edward.....St. Louis, Mo.

Feldmiller
Fuller

Fisher
Geisler

Frank
Gerard

French
Giffin

Fuesting
Goeddel

Fuhrmeister
Groteke



Junior Class

Gudermuth, Charles A.....Webster Groves, Mo.
 Guyer, Ronald R.....Webster Groves, Mo.
 Haertling, Gene Henry.....Ste. Genevieve, Mo.
 Hall, Norman M.....University City, Mo.
 Hammons, Reve H., Jr.....Jefferson City, Mo.
 Hampel, Richard James.....St. Louis, Mo.

Hollingshead, Homer A.....Alexandria, Va.
 Hollocher, Ralph L.....St. Louis, Mo.
 Hopler, Robert B., Jr.....Seaside Heights, N. J.
 Horcher, LeRoy A.....Arlington Heights, Ill.
 Hubeli, James Alan.....St. Louis, Mo.
 Huffman, Shay D.....Rolla, Mo.



Gudermuth
 Hanss
 Hollingshead
 Hughes

Guyer
 Harbert
 Hollocher
 Humphrey

Haertling
 Helm
 Hopler
 Humphries

Hall
 Highfill
 Horcher
 Jehlen

Hammons
 Hoffman
 Hubeli
 Jenner

Hampel
 Holder
 Huffman
 Johnson, C.

Hanss, Robert E.....St. Louis, Mo.
 Harbert, Donald B.....Rolla, Mo.
 Helm, Gunther Alf.....Rolla, Mo.
 Highfill, James K.....Doniphan, Mo.
 Hoffman, Ramon E.....St. Louis, Mo.
 Holder, Jerry B.....Rolla, Mo.

Hughes, Joseph B.....Rolla, Mo.
 Humphrey, Jack H.....Berwyn, Ill.
 Humphries, Richard M.....Rolla, Mo.
 Jehlen, Charles Rex.....Pine Bluff, Ark.
 Jenner, Kenneth C.....Overland, Mo.
 Johnson, Clarence Scott.....Sullivan, Mo.



Johnson, R.
Koelling

Jones
Kosakowski

Kickham
Krispin

King
Krueger

Kingsbury
Langston

Kleberger
Larson

Nineteen Fifty-three

Johnson, Richard Eades.....Kirkville, Mo.
Jones, James Carl.....Millersville, Mo.
Kickham, Lawrence T., Jr.....East St. Louis, Ill.
King, Billy Sheldon.....Preston, Mo.
Kingsbury, Ronald M.....Rolla, Mo.
Kleberger, Kenneth A.....St. Louis, Mo.
Koelling, Harold A.....St. Louis, Mo.
Kosakowski, Zygmund S.....New Britain, Conn.
Krispin, Joseph Frank.....St. Louis, Mo.
Krueger, Roger Allen.....Petersburg, Ill.
Langston, Russell.....Kennett, Mo.
Larson, Richard T.....Peoria, Ill.

Leisure, Richard B.....Calumet City, Ill.
Leong, Judson.....Rangoon, Burma
Lietz, Harold Charles.....St. Louis, Mo.
Lincoln, Herbert E.....Waterloo, N. Y.
Luehring, Elmer L.....Cape Girardeau, Mo.
Lum, Rodger.....Blytheville, Ark.
McCreary, Robert E.....DeSoto, Mo.
McDonald, Robert L.....Berwyn, Ill.
McGregor, William B.....Dover, Tenn.
McMeekin, Ellington J., Jr.....Hawthorne, Fla.
McMullin, James M.....Crystal City, Mo.
Markos, La Vern J.....Rolla, Mo.

Leisure
McCreary

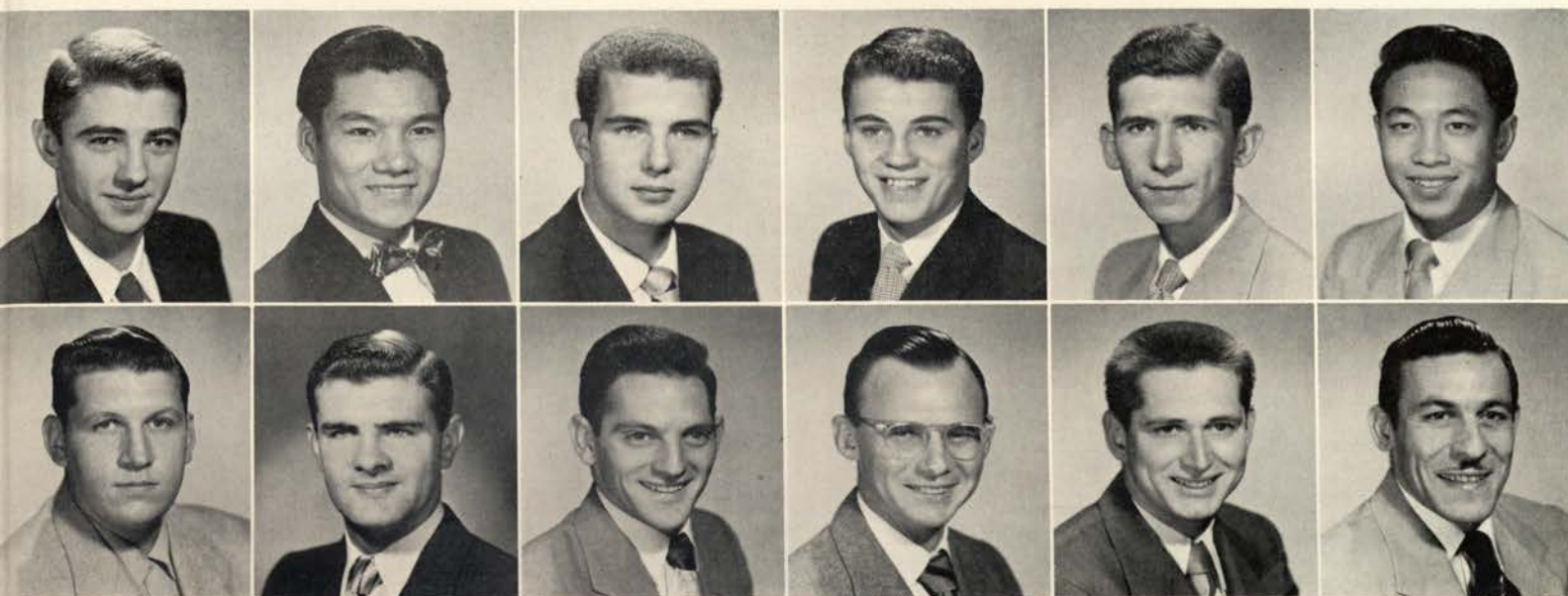
Leong
McDonald

Lietz
McGregor

Lincoln
McMeekin

Luehring
McMullin

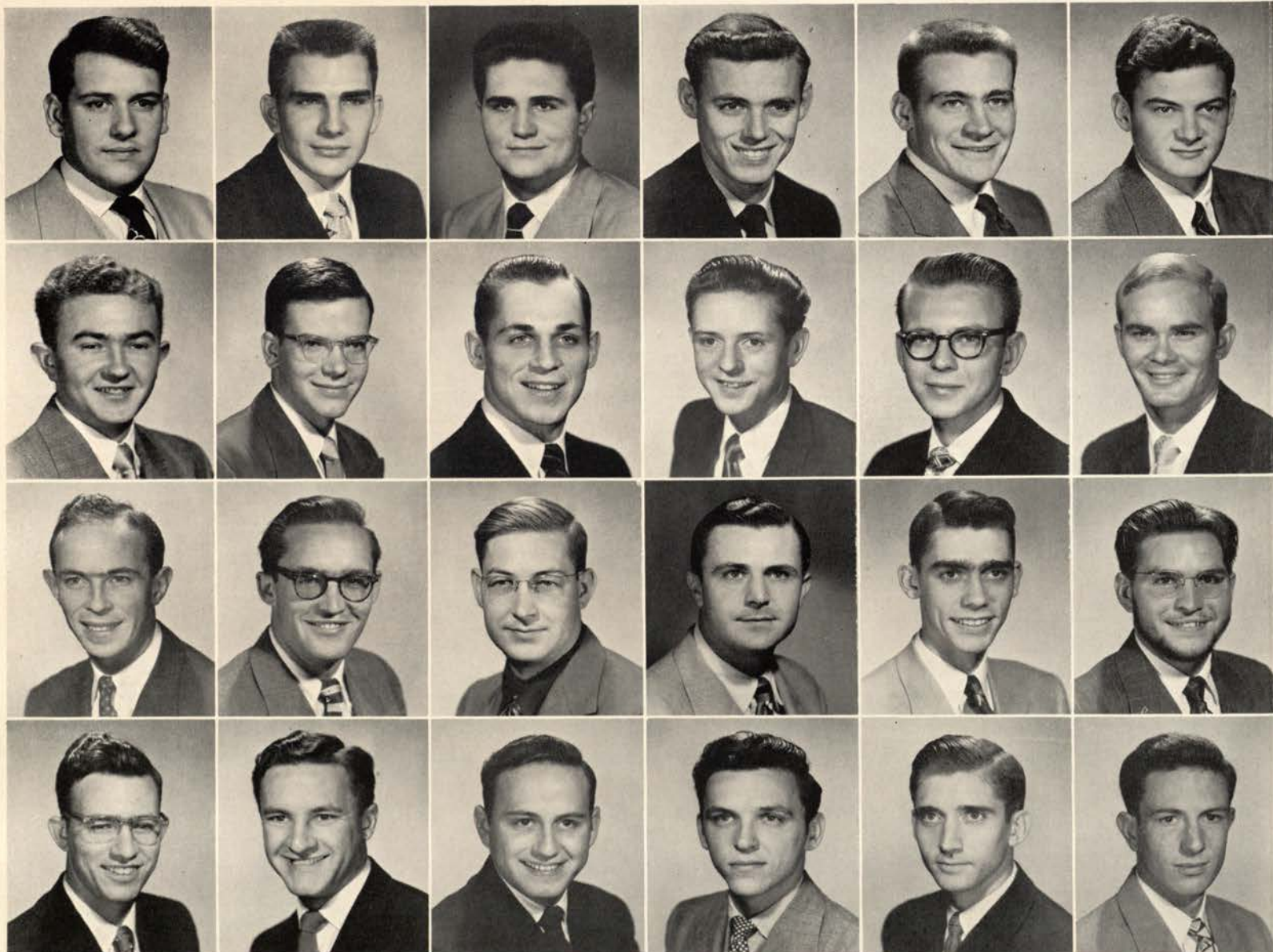
Lum
Markos



Nineteen Fifty-three

Martin, Bill Gene.....Joplin, Mo.
 Mathis, Don Lee.....Lemay, Mo.
 Matteson, Hollis C.....Afton, Mo.
 Melton, Harold L.....Rolla, Mo.
 Metcalf, Gerald L.....St. Louis, Mo.
 Millar, James Bruce.....Rolla, Mo.

Nagy, Theodore.....Franklin, N. J.
 Neal, Conrad Lee.....Rolla, Mo.
 Nordling, Wiktor K., Jr.....Ellsinore, Mo.
 Norris, Sidney B.....Rolla, Mo.
 O'Brien, Robert G.....Park Ridge, Ill.
 Owens, Willard G.....St. Louis, Mo.



Martin
 Miller
 Nagy
 Patterson

Mathis
 Moeller, A.
 Neal
 Piletic

Matteson
 Moeller, R.
 Nordling
 Pillisch

Melton
 Moore
 Norris
 Poe, C.

Metcalf
 Mueller
 O'Brien
 Poe, H.

Millar
 Munson
 Owens
 Pracht

Miller, Charles Edward.....Hardy, Ark.
 Moeller, Alfred F.....Ste. Genevieve, Mo.
 Moeller, Ralph G.....Chicago, Ill.
 Moore, Charles W.....Springfield, Mo.
 Mueller, Richard D.....St. Louis, Mo.
 Munson, William Paul.....East Prairie, Mo.

Patterson, James Robert.....Caruthersville, Mo.
 Piletic, Robert F.....LaSalle, Ill.
 Pillisch, Herbert P.....Northwoods, Mo.
 Poe, Charles C.....St. Louis, Mo.
 Poe, Harry Eugene.....Cape Girardeau, Mo.
 Pracht, Richard M.....Williamsville, Mo.



Pulido
Rethmeyer

Purnhagen
Rex

Puyear, D.
Reynolds

Puyear, R.
Riegel

Ramsey
Robbins

Reavis
Rucker

Junior Class

Pulido, Marco T.....Tibaso, Colombia
Purnhagen, Henry K.....Rolla, Mo.
Puyear, Donald Empson.....Hayti, Mo.
Puyear, Robert B.....Hayti, Mo.
Ramsey, Paul E.....Neelyville, Mo.
Reavis, Richard E.....West Plains, Mo.
Rethmeyer, James W., Jr.....Sullivan, Mo.
Rex, Ronald C.....Kirkwood, Mo.
Reynolds, Arnold G.....East Prairie, Mo.
Riegel, Robert W.....Hannibal, Mo.
Robbins, Robert Lee.....Robertson, Mo.
Rucker, Ray Southgate.....Rolla, Mo.

Runvik, Richard Carl.....Rolla, Mo.
Sabus, George James, Jr.....Churdan, Iowa
Sancianco, Generoso V.....Manila, Philippines
Schaefer, Robert Karl.....Chesterfield, Mo.
Schnerer, Alfred Edmund.....Chicago, Ill.
Schloemer, Thomas Davis.....Rolla, Mo.
Scott, Robert J.....Belleville, N. J.
Selvaggi, Anthony Joseph.....Newark, N. J.
Shields, Lyle H.....Louisville, Ill.
Sickafus, Ed. N.....Overland, Mo.
Sipe, William Everett.....Poplar Bluff, Mo.
Slates, Richard O.....Rolla, Mo.

Runvik
Scott

Sabus
Selvaggi

Sancianco
Shields

Schaefer
Sickafus

Schnerer
Sipe

Schloemer
Slates



Junior Class

Smart, Samuel.....Sparta, Ill.
 Smid, Milton Joseph.....Afton, Mo.
 Smith, Ellis Jean.....Des Moines, Iowa
 Smith, Frederick, C. J.....Camden, N. J.

Sprick, Robert W.....Rolla, Mo.
 Stearman, Myles D.....Burbank, Calif.
 Stevens, Richard Hoover.....Niagara Falls, N. Y.
 Stewart, Bobby Joe.....Poplar Bluff, Mo.



Smart
 Soehngen
 Sprick
 Stimson

Smid
 Sonewald
 Stearman
 Striegl

Smith, E.
 Southall
 Stevens
 Sundermeier

Smith, F.
 Southern
 Stewart
 Swearingen

Soehngen, Donald William.....St. Louis, Mo.
 Sonewald, George, Jr.....Rolla, Mo.
 Southall, Morris G.....Bessemer, Ala.
 Southern, John T.....Clinton, Mo.

Stimson, William Robert.....Rolla, Mo.
 Striegl, Henry Frank.....Joplin, Mo.
 Sundermeier, Ralph Henry.....St. Charles, Mo.
 Swearingen, Jerry Dale.....Mt. Vernon, Mo.

Nineteen Fifty-three



Toutz
Vondrasek

Trust
Walsh

Tucker
Warren

Volker
Watkins

Toutz, James Otto.....Webb City, Mo.
Trust, Joseph.....South River, N. J.
Tucker, Ted Joseph.....Doniphan, Mo.
Volker, Vernon D.....Springfield, Mo.
Vondrasek, Albert Frank.....Berwyn, Ill.
Walsh, Robert Pollard, Jr.....Kirkwood, Mo.
Warren, Bill Lee.....Joplin, Mo.
Watkins, Joseph Sidney.....Flat River, Mo.

Webdell, Clayton Thomas.....Rolla, Mo.
Weber, John Herman, Jr.....St. Louis, Mo.
Weidman, Hubert G.....Baxter Springs, Kans.
Wick, Clyde Elton.....Chicago, Ill.
Wilkes, James Roy.....Crenshaw, Miss.
Williamson, Rayburn L.....Springfield, Ill.
Yallaly, Stephen Paul.....Modoc, Ill.
Zamudio, Sam, Jr.....Cuernavaca, Mexico

Webdell
Wilkes

Weber
Williamson

Weidman
Yallaly

Wick
Zamudio



Graduate Students



Bolay
Hanson
Neumann

Cansever
Heagler
Schafer

Wang

Clark
Hewett
Shin

Weisbrod

Clarke
Lindgren
Tangri

Weng

Cotter
McKee
Towns

Dinc
Mohanty
Waheb

Anthony, Palmer L.....Rolla, Mo.
Bersu, Zafiri.....Istanbul, Turkey
Bolay, Moris.....Istanbul, Turkey
Boxall, John M.....London, England
Breazeale, Mack A.....Crossville, Tenn.
Cathcart, Raymond F.....Rolla, Mo.
Catsoulis, John G.....Halandriou, Greece
Cauthorn, James E.....Mexico, Mo.
Clark, John W.....Marion, Ill.
Clarke, Philip J.....Kirkby in Ashfield, England
Cotter, Ralph D.....St. Paul, Minn.
Culp, Archie William, Jr.....St. Joseph, Mo.
Dotson, Jay C.....Canton, Ohio

Faulkner, James R.....Rolla, Mo.
Frad, William A.....Iowa City, Ia.
Grady, Robert F.....Mason City, Ia.
Hanson, Graydon J.....Storm Lake, Ia.
Heagler, John B.....Rolla, Mo.
Hewett, Charles A.....Johnson City, N. Y.
Higgs, William R.....Rolla, Mo.
Johnson, Charles A.....Rolla, Mo.
Kurtz, Peter.....Webster Groves, Mo.
Lay, Ormand K.....Rolla, Mo.
Lindgren, William A.....Hilo, Hawaii
McDowell, Charles M.....Kaiser, Mo.
McKee, William D.....Shenandoah, Ia.
Martin, Rex I.....Rolla, Mo.

Graduate Students

Mohanty, Gajendra N.....Cuttack, India
 Neuman, Norbert F.....St. Louis, Mo.
 Nolte, Roger E.....Rolla, Mo.
 Osbourn, Claude J.....Neosho, Mo.
 Paar, William A.....Jackson, Mo.
 Rittenhouse, Joseph W.....Rolla, Mo.
 Schafer, Robert P.....Edwardsville, Ill.
 Sedalia, Bhikhubai M.....Bombay, India
 Sheth, Prantal G.....Modasa, India
 Shih, Sheng T.....Wuchang, China
 Shoolbred, Robert A.....Rolla, Mo.
 Schulze, Charles E.....Rolla, Mo.
 Sederis, Constantin J.....Athens, Greece
 Sen, Nalin.....Calcutta, India
 Skitek, Gabriel G.....Rolla, Mo.
 Tangri, Kreshan K.....New Delhi, India
 Thomas, James E.....Marshall, Mo.
 Towns, Clifton W.....Philadelphia, Pa.
 Wagner, Frederick R.....Sedalia, Mo.

Waheb, Muhammed A.....Dacca, Pakistan
 Wang, Yen N.....Rolla, Mo.
 Weisbrod, Harold R.....Rolla, Mo.
 Weng, Chao C.....Kaohsiung, China
 Yorston, Howard J.....Rolla, Mo.

These Graduate Students Entered in February

Blackmon, Paul.....Rolla, Mo.
 Breazeale, Mack A.....Crossville, Tenn.
 Cansever, Aydin.....Rolla, Mo.
 Carver, Richard E.....Kansas City, Mo.
 Dinc, Ali E.....Istanbul, Turkey
 Garrett, Silas G.....Rolla, Mo.
 Hughen, Marvin L.....Rolla, Mo.
 Ilter, Ahmet.....Istanbul, Turkey
 Plunkett, Jerry D.....Dixon, Mo.
 Rasche, Robert E.....Cape Girardeau, Mo.
 Van Duym, Dirk P.....Rolla, Mo.

Juniors of Nineteen Fifty-three

WITHOUT PICTURES

Alexander, Homer R.....Wichita, Kans.
 Anderson, David Owen.....Lemay, Mo.
 Anderson, Searles T.....Moberly, Mo.
 Archer, David W.....Chillicothe, Mo.
 Baldwin, Ray Edwin.....Fredericktown, Mo.
 Baloga, Michael.....Sewaren, N. J.
 Bennett, Carroll P.....Poplar Bluff, Mo.
 Boleski, Donald R.....St. Joseph, Mo.
 Bullman, Howard Lee.....Rolla, Mo.
 Burns, Milton R.....Sparta, Ill.
 Crow, William K.....Donaldson, Ark.
 Egan, Paul John.....Kirkwood, Mo.
 Emling, Dale Henry.....DuQuoin, Ill.
 Farris, Robert E.....Webb City, Mo.
 Fowler, Thomas R., Jr.....Rolla, Mo.
 Fritchey, Meril B.....Hayden, Mo.
 Gaddy, Harold O.....Rolla, Mo.
 Halliday, Hugh D.....Ridgewood, N. J.
 Hoffman, Robert Noel.....Litchfield, Ill.
 Hongsyok, Anek.....Bhuket, Thailand
 Hull, Lee Cleveland.....Platte City, Mo.
 Huthings, Paul Allen.....Newburg, Mo.
 Johnson, Martin C. V.....Shorewood, Wis.
 Juskie, Bernard R.....Chicago, Ill.
 Kassab, Gabriel M.....Joplin, Mo.
 Kolb, Richard C.....DeQueen, Ark.

Lanning, William K.....Rolla, Mo.
 McQuie, George.....Montgomery City, Mo.
 Mallow, Henry Lee, Jr.....Potosi, Mo.
 Morris, Buddie Ray.....West Frankfort, Ill.
 Mountjoy, William R.....Kansas City, Mo.
 Newman, Clinton E.....Kansas City, Mo.
 Nichols, Robert Allen.....Bernie, Mo.
 Ogle, Herbert F.....Willow Springs, Mo.
 Padan, John W.....Evanston, Ill.
 Paladin, Frank W.....St. Louis, Mo.
 Peck, Edwin R.....Jacksonville, Fla.
 Perkins, Ralph C.....Webster Groves, Mo.
 Prager, Martin.....Brooklyn, N. Y.
 Rahman, Mohammad K.....Calcutta, India
 Redel, Peter O.....Vienna, Mo.
 Roberts, John Darrel.....Paragould, Ark.
 Roemerma, William E.....St. Louis, Mo.
 Ruch, Robert.....Brentwood, Mo.
 Schenk, Ronald Henry.....Alton, Ill.
 Schlosser, William A.....Bellefonte, Ill.
 Scott, J. Norman.....Newburg, Mo.
 Smay, Byron Kent.....Clarence, Mo.
 Stone, James William.....Doniphan, Mo.
 Summers, Oscar Hubert.....Memphis, Tenn.
 Walther, George Charles.....Affton, Mo.
 Woodall, William R.....Maplewood, Mo.
 Woodruff, Kenneth Crane, Jr.....St. Louis, Mo.

Sophmores of Nineteen Fifty-three

Allen, Thomas John.....Kenmore, N. Y.
 Anderson, James S.....Springfield, Mo.
 Anderson, Truman D.....Osage Beach, Mo.
 Averill, John Eugene.....Kansas City, Mo.
 Baebler, Arthur G.....Webster Groves, Mo.
 Ballantyne, Edwin J.....Springfield, Mo.
 Barnard, Charles R., Jr.....Oakland City, Ind.
 Barns, Campbell C.....Kansas City, Mo.
 Barylski, Martin W.....St. Louis, Mo.
 Beams, Billy G.....Humansville, Mo.
 Becherer, Robert S.....Mt. Vernon, Ill.
 Beirne, John J.....Creve Coeur, Mo.
 Berg, Richard O.....St. Louis, Mo.
 Best, John L.....Poplar Bluff, Mo.
 Bieling, Carl Richard.....Westfield, N. J.
 Boquish, Alfred J., Jr.....South River, N. J.
 Boraz, Sheldon.....St. Louis, Mo.

Brandt, James H.....Petersburg, Ill.
 Brentz, James N.....Farmington, Ill.
 Broaddus, Wayne Reed.....Rolla, Mo.
 Brockmann, Lester A.....Clayton, Mo.
 Bruns, Thomas Vincent.....St. Louis, Mo.
 Campbell, William R.....Omaha, Nebr.
 Campen, Edward B.....Rolla, Mo.
 Canady, Arthur R.....Springfield, Ill.
 Carpenter, Bruce N.....Bloomfield, Nebr.
 Carroll, Frank L.....Poplar Bluff, Mo.
 Catron, Robert Lee.....St. Louis, Mo.
 Clark, Edward Lee, Jr.....Rolla, Mo.
 Coffee, Harvey.....Overland, Mo.
 Corcoran, Thomas A.....New Albany, Ind.
 Corneli, Philip P.....Lemay, Mo.
 Crandall, Charles A.....Monroe City, Mo.
 Cullen, Michael John.....St. Louis, Mo.

Czepull, LeRoy.....Sioux Falls, S. Dak.
 Davis, Bobby Eugene.....Salem, Mo.
 Davis, Ronald Lee.....St. Louis, Mo.
 DeLarm, Leon Neil.....West Plains, Mo.
 Dummitt, Edward Kenneth.....St. Louis, Mo.
 Eckler, Charles R.....Affton, Mo.
 Ellis, Leonard L.....Rolla, Mo.
 Elswick, James Lee.....Monett, Mo.
 Feese, Robert D.....Braymer, Mo.
 Fields, Ira G.....Wilmette, Ill.
 Fink, Arthur C., Jr.....Glencoe, Mo.
 Fitzgerald, Steve C.....St. Louis, Mo.
 Fitzwater, Arthur Vogel.....Normandy, Mo.
 Flack, Victor LeRoy.....St. Louis, Mo.
 Forbes, John Wesley.....Sweet Springs, Mo.
 Franklin, James M.....Normandy, Mo.
 Galyon, Golburn B.....Lorton, Va.

Sophmores of Nineteen Fifty-three

Gartland, William A.....St. Louis, Mo.
 Germer, Charles B.....Little Rock, Ark.
 Gessley, Donald.....St. Louis, Mo.
 Gidley, Larry LeRoy.....Bonne Terre, Mo.
 Gieseke, Donald E.....Malta Bend, Mo.
 Gilliam, Dale Dean.....Webb City, Mo.
 Glenn, Robert E.....Bonne Terre, Mo.
 Gockel, Charles E.....Carthage, Mo.
 Gockenbach, LeRoy G.....Florissant, Mo.
 Godsey, Terry Lee.....Clarkton, Mo.
 Gollhofer, Frank R.....Ferguson, Mo.
 Green, Joseph Paul.....Springfield, Ill.
 Grosso, John Anton.....Benid, Ill.
 Grueninger, Walter W.....St. Louis, Mo.
 Grunz, Donald G.....St. Louis, Mo.
 Gulotta, Samuel A.....Wood River, Ill.
 Haber, Donald F.....St. Louis, Mo.
 Hake, Bruno.....Wiesbaden, Germany
 Hanley, Arthur.....Roselle, N. J.
 Hannauer, Joseph O.....St. Louis, Mo.
 Hardebeck, Elizabeth M.....Rolla, Mo.
 Haubold, Reiner G.....Palacios, Tex.
 Hays, Leo Adrian.....East St. Louis, Ill.
 Hays, William B.....Decatur, Ill.
 Hefti, Norman Bruce.....Sullivan, Mo.
 Heggs, Thomas III.....Rolla, Mo.
 Heisserer, Gary William.....St. Louis, Mo.
 Held, Lawrence, Jr.....Higginsville, Mo.
 Henderson, Billie Duke.....Doniphan, Mo.
 Hesper, James F.....Webster Groves, Mo.
 Hess, Ronald M.....San Francisco, Calif.
 Hirsch, Richard Paul.....St. Louis, Mo.
 Holiday, Allan D.....Carthage, Mo.
 Hooks, Warren Dee.....Preston, Mo.
 Houska, Jaromir V.....Rolla, Mo.
 Howard, Adrian Haydon.....Dixon, Mo.
 Hughes, Gerald Oliver.....Ferguson, Mo.
 Hymer, Alven E. II.....Kansas City, Mo.
 Johnson, Ben.....Clayton, Mo.
 Kaiser, Richard Lee.....Mexico, Mo.
 Keene, William C.....Pinckneyville, Ill.
 Kelce, David G.....St. Louis, Mo.
 Keller, Leonard James.....Rolla, Mo.
 Kessler, Lawrence R.....Poplar Bluff, Mo.
 Knapp, John L., Jr.....Little Rock, Ark.
 Knopp, John Daniel.....Rolla, Mo.
 Koirtzmann, Victor L.....Washington, Mo.
 Kolasch, Joseph A.....St. Louis, Mo.
 Korn, Robert A.....East Rutherford, N. J.
 Krieg, Marlin F.....St. Charles, Mo.
 Kruger, Harry John.....St. Louis, Mo.
 Kummer, Donald Louis.....Chesterfield, Mo.
 Leava, Charles R.....St. Joseph, Mo.

Lesyna, Joseph F.....St. Louis, Mo.
 Lewis, Harvey Lee.....Lone Dell, Mo.
 Lindsey, Ernest E.....Ottawa, Ill.
 McCarthy, John M.....East St. Louis, Ill.
 McCullough, D. G.....Cape Girardeau, Mo.
 McGough, Joseph M., Jr.....Dubuque, Iowa
 McNorris, William L. III.....Pittsburgh, Pa.
 Mabie, Paul S., Jr.....Lemay, Mo.
 Mann, Kenneth Earl.....St. Louis, Mo.
 Marlow, James W.....Rolla, Mo.
 Middleton, James M.....Sikeston, Mo.
 Miles, John Bruce.....Rolla, Mo.
 Miller, Karl Dean.....St. Louis, Mo.
 Miller, Robert Allen.....Ferguson, Mo.
 Mohri, August F., Jr.....Hamilton, Canada
 Moreno, Francisco M.....Point Lookout, Mo.
 Morris, Gorman E.....St. Louis, Mo.
 Moser, Paul B.....Brunswick, Mo.
 Muhleman, Charles E.....St. Louis, Mo.
 Mullen, James Gentry.....St. Louis, Mo.
 Muscovally, Joseph N.....St. Louis, Mo.
 Myers, Robert Lee.....St. Louis, Mo.
 Nagy, Miklos Erno.....Franklin, N. J.
 Nebelsick, Robert Lee.....Belleville, Ill.
 Newcomer, Robert E.....St. Louis, Mo.
 Noll, Forrest Lee, Jr.....Kansas City, Mo.
 Norman, Dan Perry.....Jefferson City, Mo.
 Nothstine, David E.....Washington, Mo.
 Nymann, Roy T.....Arlington Heights, Ill.
 Oetting, Robert Benfield.....Raytown, Mo.
 O'Rourke, Robert F.....Mexico, Mo.
 Orrick, Dale Jackson.....St. Louis, Mo.
 Owens, Robert Eugene.....Hopkins, Mo.
 Palmer, Jack Allan.....Trenton, Mo.
 Parker, Perry L., Jr.....Rolla, Mo.
 Penzel, Carl G.....Jackson, Mo.
 Pfaff, Raymond E.....Normandy, Mo.
 Phillips, John Henry.....Granite City, Ill.
 Picker, Delmar Emil.....Vienna, Mo.
 Pickering, Don Harvey.....St. Louis, Mo.
 Piehler, Donald M.....Chicago, Ill.
 Pifer, Andrew J.....Williamsville, N. Y.
 Plache, Kurt O.....St. Louis, Mo.
 Ponciroli, Kenneth L.....St. Louis, Mo.
 Porter, Scott T.....Rolla, Mo.
 Powell, Virgil Lee.....Centralia, Mo.
 Putnam, Robert E.....Mattoon, Ill.
 Remick, Robert Lee.....Webster Groves, Mo.
 Rickey, Robert B.....Independence, Mo.
 Rose, John Frederick.....Kirkwood, Mo.
 Round, Charles Walter.....St. Joseph, Mo.
 Rudolph, Allen H.....Glen Allen, Mo.
 Sanner, M. Duane.....Poplar Bluff, Mo.
 Sapp, James W., Jr.....Springfield, Mo.

Saussele, Charles W.....St. Louis, Mo.
 Schmidt, Kenneth James.....Northport, N. Y.
 Schulte, Harvey Emmet.....Lemay, Mo.
 Schuman, Charles Wilson.....Rolla, Mo.
 Senter, Lloyd Neal.....Fredericktown, Mo.
 Seveck, Thomas Allen.....Lombard, Ill.
 Sharp, Melvin Alexander.....Columbia, Utah
 Skaggs, Robert Lee.....St. Louis, Mo.
 Skubic, Raymond Joseph.....St. Louis, Mo.
 Slaucitajs, Andis A.....LaPlata, Argentina
 Sloan, Roy Francis.....Pleasant Hill, Mo.
 Smith, Benny Kidd.....Poplar Bluff, Mo.
 Soellner, Arthur Melvin.....St. Louis, Mo.
 Soma, John Louis.....Springfield, Ill.
 Sommerer, James E.....Jefferson City, Mo.
 Sontag, Kenneth E.....Glencoe, Mo.
 Spann, Gerald Dean.....St. Louis, Mo.
 Steger, Philip Joseph.....Overland, Mo.
 Stewart, Raymond Allen.....Higginsville, Mo.
 Stormont, Don Bernard.....Marthasville, Mo.
 Stourton, George Eldon.....St. Louis, Mo.
 Stump, James Warren.....Hartford, Ill.
 Summers, John Wesley.....Monett, Mo.
 Thomas, Logan Victor.....St. Joseph, Mo.
 Thompson, David Eugene.....St. Joseph, Mo.
 Thompson, Harold Sam.....Kinderhook, Ill.
 Tucker, Paul Barry.....Robertson, Mo.
 Urban, Charles David.....St. Louis, Mo.
 VanBuskirk, John Richard.....Greenfield, Mo.
 VanDusen, Peter A.....University City, Mo.
 Van Duym, Dirk Peter.....Longview, Tex.
 Vark, Charles Edward.....Hannibal, Mo.
 Victor, John Joseph, Jr.....Flat River, Mo.
 Wasinger, Robert M.....Linn, Mo.
 Weakly, James Joseph, Jr.....St. Louis, Mo.
 Webb, Marx Riley.....Lone Jack, Mo.
 Weitzel, Charles Allen.....Warrensburg, Mo.
 Wildermuth, Richard A.....Port Byron, Ill.
 Wilkinson, Glen Robert.....Paw Paw, Mich.
 Willis, Albert A.....Mexico, Mo.
 Winchester, Robert P.....Ozone Park, N. Y.
 Wolf, John Henry.....St. Louis, Mo.
 Wolf, Neil Francis.....St. Louis, Mo.
 Zimmerman, Jordan M.....Great Neck, N. Y.
 Zoellick, Harold W.....Chicago, Ill.

These Sophmores Entered in February

Bening, Robert George.....Stoutland, Mo.
 Boze, Ralph Eugene.....Lynchburg, Va.
 Fontaine, Paul Edward.....St. Louis, Mo.
 Frenkel, Henrique D.....Caracas, Venezuela
 Lobacy, Joseph Peter.....St. Louis, Mo.
 Overton, Jerry B.....Martin City, Mo.

Freshmen of Nineteen Fifty-three

Alford, Jim Richard.....St. Louis, Mo.
 Allen, David.....Walnut Ridge, Ark.
 Altheide, Charles R.....Hannibal, Mo.
 Anders, James Wallace.....Odessa, Tex.
 Arnold, Paul W.....Grafton, Ill.
 Aslin, Charles F.....Bloomfield, Mo.
 Atkins, Doral Gene.....Lebanon, Mo.
 Atteberry, Raymond F.....Lebanon, Mo.
 Atwell, Harold Edwin.....Rolla, Mo.
 Auld, Robert F.....Rochester, N. Y.
 Baganoff, Donald.....Crystal City, Mo.
 Baker, Charles Roy.....Clarkton, Mo.
 Baker, Marvin K.....Desloge, Mo.
 Baldwin, Jack D.....Rolla, Mo.
 Ball, Bill Dean.....West Plains, Mo.
 Ball, Jack Eugene.....West Plains, Mo.
 Barczykowski, Donald J.....St. Louis, Mo.
 Bayer, John L.....Rolla, Mo.
 Becker, Robert W.....St. Louis, Mo.
 Beecher, Richard G.....Kansas City, Mo.
 Beghtol, LeRoy R.....Lombard, Ill.
 Bennett, Harold L.....St. Clair, Mo.
 Bennett, Robert E.....Kansas City, Mo.
 Berger, Richard E.....Queensville, N. Y.
 Bess, James D.....St. Louis, Mo.
 Black, Elmer Lee Roy.....Bonne Terre, Mo.
 Blockbaum, Robert S.....St. Charles, Mo.
 Boettger, Donald Ray.....Affton, Mo.
 Bohning, William C.....Washington, Mo.
 Borgerding, James H.....Marthasville, Mo.
 Borzillo, Albert J.....Shrewsbury, Mo.
 Brands, Paul C.....Grafton, Ill.
 Brawley, John M.....Ellington, Mo.
 Brooks, Blair C.....Affton, Mo.
 Brown, Donald Dean.....Chillicothe, Mo.
 Brown, Don Roger.....Kirkwood, Mo.
 Brown, Gilbert Nelson.....New York, N. Y.

Bryan, John L.....Rolla, Mo.
 Bub, Robert Louis.....Affton, Mo.
 Bujewski, Edward J.....Pagedale, Mo.
 Bunney, Earl.....Tonkawa, Okla.
 Burleson, Otto L.....West Plains, Mo.
 Burnham, John D., Jr.....Chadss Ford, Pa.
 Butterfield, Boydston L.....Plainfield, N. J.
 Calhoun, John F.....Springfield, Mo.
 Campbell, Lowell G.....Rolla, Mo.
 Canady, Richard A.....Springfield, Ill.
 Capek, Frank J.....Rolla, Mo.
 Casteel, Gerald R.....Princeton, Mo.
 Chapman, Dale E.....Jennings, Mo.
 Chapman, Teddy W.....Quinn, Mo.
 Christopher, Leo L.....Rolla, Mo.
 Coar, Jack Cecil.....Springfield, Mo.
 Cooksey, Joel N., Jr.....Marion, Ill.
 Cookson, Jack M.....Belleville, Ill.
 Corelli, Robert S.....Gowanda, N. Y.
 Courson, Lee Roy.....Rolla, Mo.
 Cox, Jerome M.....Neelyville, Mo.
 Cox, Vernon Lee.....St. Clair, Mo.
 Crandall, Kenneth Roy.....Monroe City, Mo.
 Crutcher, Clyde A.....Crystal City, Mo.
 Cummings, John Bruce.....Webb City, Mo.
 Damerval, Frank B.....St. Louis, Mo.
 Daniel, Wessley W.....Mt. Vernon, Mo.
 Davis, Dallas Lee.....Kenneth, Mo.
 Davis, Margaret Ann.....Morehouse, Mo.
 Dechant, Robert Fred.....Belleville, Ill.
 Dennis, Louis Earl.....Affton, Mo.
 Dillard, Homer Earl.....Salem, Mo.
 Dombrosky, Edward P.....Granite City, Ill.
 Doolen, Glenn Maurice.....Kinmundy, Ill.
 Dorris, Floyd Reddy.....Kansas City, Mo.
 Douglass, Paul Richard.....Jefferson City, Mo.
 Duncan, Oscar M., Jr.....Mt. Vernon, Ind.

Dyess, Ronald T.....St. Louis, Mo.
 Edmonds, David G.....Lebanon, Mo.
 Eiserman, Ronald C.....Plattsmouth, Nebr.
 Ellis, Guy Franklin.....Purdy, Mo.
 Ellis, Walter H., Jr.....E. Williston, N. Y.
 Enslow, Kenneth Wayne.....Helena, Mo.
 Escott, Kenneth G.....University City, Mo.
 Farmer, Richard K.....Jennings, Mo.
 Ferrill, Mitchell Davis.....Cobden, Ill.
 Frazier, David Edward.....West Plains, Mo.
 Frink, Herbert Lee.....O'Fallon, Mo.
 Fussell, Larry Neil.....East Prairie, Mo.
 Garouette, Jack W.....Mt. Vernon, Mo.
 Gerard, Peter A.....Park Ridge, Ill.
 Gillham, Ronald F.....Hendrickson, Mo.
 Glaser, Carl William.....Chesterfield, Mo.
 Glasscock, Frederick M.....Hayti, Mo.
 Godsy, James David.....Fremont, Mo.
 Goldstein, Stuart E.....St. Louis, Mo.
 Graden, William F., Jr.....Riverton, N. J.
 Graham, John Thomas.....Mt. Vernon, Ind.
 Gramlich, Paul F.....Belleville, Ill.
 Grammer, Robert Lee.....St. Louis, Mo.
 Gratz, George Otto.....Danbury, Conn.
 Gremminger, Paul M.....Flat River, Mo.
 Grimes, Charles Jack.....Morehouse, Mo.
 Hackett, Lawrence R.....Ferguson, Mo.
 Hall, Glenn P.....Malden, Mo.
 Hammond, John Robert.....Warrensburg, Mo.
 Harrison, Charles R.....Lebanon, Mo.
 Hart, Norman E.....Kirkwood, Mo.
 Harting, Louis Lon.....St. Louis, Mo.
 Hartman, Bert Emerson, Jr.....Oakwood, Mo.
 Hatzikyriakos, Panagiotis.....Athens, Greece
 Haubein, Wendell L.....Lockwood, Mo.
 Hays, Harry Dwayne.....New London, Mo.
 Hays, Joseph Eugene.....Monroe City, Mo.

Freshmen of Nineteen Fifty-three

Hazelwood, Robert Lee.....Waterloo, Ill.
 Heavlin, Harold Dean.....Harvey, Ill.
 Heinrich, Guy William.....St. Louis, Mo.
 Hemken, Herman Eugene.....Granite City, Ill.
 Henson, Donald L.....Granite City, Ill.
 Hilgers, Donald E.....Rolla, Mo.
 Hoffmann, William R.....St. Louis, Mo.
 Hoffmeister, Edwin F.....Rolla, Mo.
 Hogan, Marvin D.....Rolla, Mo.
 Holman, James R., Jr.....Richmond, Mo.
 Holman, Richard W.....St. Joseph, Mo.
 Holmbeck, Glenn E.....Richmond Hgts, Mo.
 Holmes, Donald Keith.....Lewistown, Ill.
 Holt, Jack Leroy.....Independence, Mo.
 Horton, Horace Robert.....Rolla, Mo.
 Howard, John James.....St. Louis, Mo.
 Jackson, Frederick E.....Marshall, Mo.
 Janesky, Frederick W.....Danbury, Conn.
 Johanninger, Robert W.....St. Louis, Mo.
 Jones, Bobby Lee.....Windor, Mo.
 Jones, Ralph Holland.....Maplewood, Mo.
 Jordan, Gilbert H. II.....Kansas City, Mo.
 Kalinowsky, Joseph F.....Jennings, Mo.
 Kastler, Ronald L.....Chicago, Ill.
 Kebl, Harlan Lee.....Belleville, Ill.
 Kelly, George D.....Larchmont, N. Y.
 Kline, Robert H.....Kansas City, Mo.
 Kollmeyer, Ray Linn.....Farmington, Mo.
 Kornfeld, Robert J.....Affton, Mo.
 Kraska, John W., Jr.....Buffalo, N. Y.
 Lamb, Donald W.....Glasgow, Mo.
 Lane, George N.....Granite City, Ill.
 Lansford, James R.....Belle, Mo.
 Lea, Charles E.....Brookfield, Mo.
 LeBrun, Louis J.....St. Louis, Mo.
 Lenz, William J., Jr.....St. Louis, Mo.
 Lester, James L.....Sikeston, Mo.
 Leuthen, Kenneth M.....Vienna, Mo.
 Lieberman, Warren.....New York, N. Y.
 Longshore, James F.....South Roxana, Ill.
 Lowell, Eugene L.....Granite City, Ill.
 McCarthy, Thomas M.....St. Louis, Mo.
 McClay, LeRoy F.....Richland, Mo.
 McCoy, Charles J.....Sikeston, Mo.
 McGinnity, Larry Lee.....Kirkwood, Mo.
 McNew, William C.....Harrisburg, Ill.
 McPheeters, Leander B.....Charleston, Mo.
 MacDonald, William B.....LaGrange, Ill.
 Macios, Theodore W.....Granite City, Ill.
 Macy, Eddie A.....Steelville, Mo.
 Mahnken, Luther W.....Fulton, Mo.
 Mahoney, Michael G.....Shelbyville, Mo.
 Mangon, Ralph L.....Bismarck, Mo.
 Marschel, Ronald E.....Boonville, Mo.
 Meador, Carroll D.....Vernon, Ill.
 Melton, Richard H.....Unionville, Mo.
 Mengwasser, Joseph P.....Jefferson City, Mo.
 Mercer, William F.....Salem, Ill.
 Meyer, Gaylord L.....Farmington, Mo.
 Meyer, Harry M., Jr.....Lebanon, Mo.
 Miklos, George A.....Benid, Ill.
 Miller, Roy Larry.....Mexico, Mo.
 Milligan, Weldon E.....Hartford, Ill.
 Mitchell, Don Eugene.....Edgar Springs, Mo.
 Moffat, Joseph W.....Springfield, Ill.
 Morales, V. M.....Guatemala City, Guatemala
 Morris, Edgar Lee.....Sikeston, Mo.
 Mosher, Donald G.....Groversville, N. Y.
 Mueller, Dan Herbert.....University City, Mo.
 Muhlbauer, Karlheinz C.....Rolla, Mo.
 Mullins, Morton L.....Kirkwood, Mo.
 Mulroy, Marty Thomas.....Des Plaines, Ill.
 Murfin, Mark Alden.....Vernon, Ill.
 Murphy, Frederick Lee.....Farmington, Mo.
 Murphy, James M.....Old Greenwich, Conn.
 Murphy, John Scofield.....Kirkwood, Mo.

Murphy, Larry L.....Robinson, Ill.
 Nelson, Jack D.....Rolla, Mo.
 Neumann, Erhard N.....St. Louis, Mo.
 Nicholls, Robert H.....Bowling Green, Ky.
 Nikas, George A.....Athens, Greece
 Noonan, William F.....Florissant, Mo.
 North, David Gene.....Springfield, Mo.
 Northrup, Allen L.....Kahoka, Mo.
 Odom, James T.....Eldridge, Mo.
 Olmsted, George W.....Bonne Terre, Mo.
 Oneal, Harold Gene.....Versailles, Mo.
 Ortegón, Luis Jose.....Bogota, Colombia
 Orth, Paul Joseph.....St. Louis, Mo.
 Owen, James W.....Lebanon, Mo.
 Owen, Robert M.....Bowling Green, Ky.
 Paul, Eugene H.....North Bergen, N. J.
 Pendergraft, Eugene A.....Little Rock, Ark.
 Perry, M. Ann.....Lake Springs, Mo.
 Perry, Robert Kenneth.....Rolla, Mo.
 Peters, Ray John.....House Springs, Mo.
 Pickering, Seth.....Tulsa, Okla.
 Pickett, Owen E.....East St. Louis, Ill.
 Pitlyk, James O.....St. Louis, Mo.
 Plank, William M.....Salem, Mo.
 Powell, David W.....Rolla, Mo.
 Queen, David F.....Rhinebeck, N. Y.
 Quinn, Thomas L., Jr.....Kirkwood, Mo.
 Rand, Robert L.....Kansas City, Mo.
 Rasey, Watson G.....Kansas City, Mo.
 Reed, Leo Max.....Willow Springs, Mo.
 Reeves, Chesley V.....Elvins, Mo.
 Resnick, Rudolf.....East St. Louis, Ill.
 Riley, Kenneth G.....Rolla, Mo.
 Roark, Bobbie Lewis.....Rolla, Mo.
 Roberts, James Rall.....Farmington, Mo.
 Robinson, Richard Wayne.....Oberlin, Ohio
 Roe, George Walter.....Rolla, Mo.
 Ross, Doyle Wayne.....Palmer, Alaska
 Sanders, Harold L.....Alton, Mo.
 Santoro, Alex Joseph.....Kansas City, Mo.
 Schaffner, Curtis R., Jr.....Normandy, Mo.
 Schillinger, Dale Joseph.....East Alton, Ill.
 Schmidt, Harold Albert.....Gerald, Mo.
 Schneider, Richard G.....St. Louis, Mo.
 Schneider, Robert Wayne.....Rolla, Mo.
 Schramm, William W.....Farmington, Mo.
 Schreiber, Paul.....St. Louis, Mo.
 Schultz, Warren Dean.....Corning, Mo.
 Schulze, Virgil Lee.....Cedar Hill, Mo.
 Shea, James M.....Kirkwood, Mo.
 Shepard, Ralph Edward.....Belleville, Ill.
 Shildmyer, James August.....Glendale, Mo.
 Shurberg, Michael I.....New Britain, Conn.
 Sitzwohl, Arthur J.....St. Louis, Mo.
 Smith, Etyl Dee.....Willow Springs, Mo.
 Smith, Wayne Keith.....Rolla, Mo.
 Sparling, Richard Lowell.....Kansas City, Mo.
 Stadelman, Joseph Richard.....St. Louis, Mo.
 Staples, Charles Jimmy.....Plains, Kans.
 Steifan, Ken Frank.....Poplar Bluff, Mo.
 Steiner, Eugene Francis.....St. Louis, Mo.
 Stellon, Robert T.....St. Louis, Mo.
 Steizer, Floyd LeRoy.....Rolla, Mo.
 Stephenson, Norman Dale.....St. Louis, Mo.
 Stewart, William E.....Kewanee, Ill.
 Stockton, Eldon M.....Henrietta, Mo.
 Stolte, David William.....St. Louis, Mo.
 Straumanis, Andrejs G. J.....Rolla, Mo.
 Sturdy, James Nelson.....Kirkwood, Mo.
 Suhre, Maurice E.....Rolla, Mo.
 Szczyński, Thomas Lee.....St. Louis, Mo.
 Taetz, Phillip Joseph.....Gray Summit, Mo.
 Taylor, Melfred Edward.....Charleston, Mo.
 Thompson, LeRoy Earl.....McBride, Mo.
 Tierney, Thomas Francis.....Kansas City, Mo.

Towner, John Kline.....Rush Hill, Mo.
 Unnerstall, James A.....Washington, Mo.
 Urban, Robert John.....St. Louis, Mo.
 Varsos, Spyros George.....Athens, Greece
 Walker, Howard Wayne.....Carthage, Mo.
 Walker, Norman LaVerne.....Harrison, Mo.
 Wall, Jack Lee.....Springfield, Ill.
 Ware, James Willis.....Lebanon, Mo.
 Warneck, Edwin Louis.....Boonville, Mo.
 Watson, Frank.....Rolla, Mo.
 Webb, William Glenn.....Lebanon, Mo.
 Weihe, Maurice T.....Stotts City, Mo.
 Weiler, Jack Louis.....St. Louis, Mo.
 Weisler, August C., Jr.....Perryville, Mo.
 Werbitzky, Harry H.....Willow Springs, Mo.
 Werder, Edward Richard.....Jersey City, N. J.
 West, Harold Lee.....Elvins, Mo.
 Wigger, Robert Cecil.....Cantwell, Mo.
 Wilkinson, Carl Crow, Jr.....Sikeston, Mo.
 Williams, Hubert Bob.....Harrisburg, Ill.
 Wilson, Donald Preston.....Granite City, Ill.
 Wood, LeRoy Merlin.....Bonne Terre, Mo.
 Yannos, Peter Nicholas.....Alton, Ill.
 Zickel, William Joseph.....Brentwood, Mo.

These Freshmen Entered in February

Barnes, Marvin Gale.....Potosi, Mo.
 Bender, Charles Stanley.....Benton, Ill.
 Berkbigger, Robert Lee.....Crystal City, Mo.
 Bolon, Lucien Milton.....Rolla, Mo.
 Brown, Orvis Franklin.....East St. Louis, Ill.
 Bruce, Robert Walter.....St. Louis, Mo.
 Chapnick, Larry.....St. Louis, Mo.
 Cole, Robert Earl.....Chicago, Ill.
 Cunningham, Charles Francis.....Rolla, Mo.
 Duerr, Lorenz Karl.....St. Louis, Mo.
 Folk, John William.....Nevada, Mo.
 Friedlein, Theodore Frank.....St. Louis, Mo.
 Garrett, Silas Griton.....Rolla, Mo.
 Harbaugh, David Louis.....St. Louis, Mo.
 Hawkins, Oral M.....El Dorado Springs, Mo.
 Heller, Vernon Fred.....Eureka, Mo.
 Henninger, Francis H., Jr.....Carlstadt, N. J.
 Hinds, Robert Edward.....Rolla, Mo.
 Hygh, William Edward.....Springfield, Mo.
 Jackson, Kenneth E.....Vida, Mo.
 Jennings, Ted Lee.....Lebanon, Mo.
 Jones, Louis Gene.....Rolla, Mo.
 Keller, Kurt Albert.....Lidenburg, Germany
 Kuhn, Robert Ernest.....St. Louis, Mo.
 Lassauer, James Ellsworth.....St. Louis, Mo.
 Loraine, Richard.....St. Louis, Mo.
 McFarland, Dale Lee.....Flat River, Mo.
 Maddox, Laurence R.....Albany, Mo.
 Merk, George Phillip.....Homewood, Ill.
 Moss, James Eugene.....Vandalia, Mo.
 Nauert, Robert Lee.....St. Louis, Mo.
 Olsen, Gerald Paul.....St. Louis, Mo.
 O'Neill, William James.....Rolla, Mo.
 Revais, Michael Dean.....West Plains, Mo.
 Rose, Raymond William.....Canton, Mo.
 Schmidt, Sybil Ann.....Rolla, Mo.
 Schneider, Henry V.....Holt Summit, Mo.
 Schwartzburt, Allen H.....St. Louis, Mo.
 Scrivner, Jack Mason.....Jefferson City, Mo.
 Slates, Beverly J.....Rolla, Mo.
 Teodori, Philip Francis.....Brooklyn, N. Y.
 Underwood, Donald.....Rolla, Mo.
 Watwood, James E.....Auxvasse, Mo.
 Wheeler, Ruede Monroe.....Houston, Tex.
 Williams, Charles Lloyd.....Omaha, Ill.
 Wofford, James Julian.....Salem, Mo.
 Zook, Raymond D.....Kansas City, Mo.

Class Officers of Nineteen Fifty-three

SENIORS

President.....Ralph Carl
 Vice-President.....Bill Patterson
 Secretary.....Lloyd Mason
 Treasurer.....Dick Reeg

JUNIORS

President.....Martin Prager
 Vice-President.....Paul Egan
 Secretary.....Bob Walsh
 Treasurer.....Jim Goeddel

SOPHOMORES

President.....Jim Elswick
 Vice-President.....Lawrence Held
 Secretary.....John McCarthy
 Treasurer.....Ray Stewart

FRESHMEN

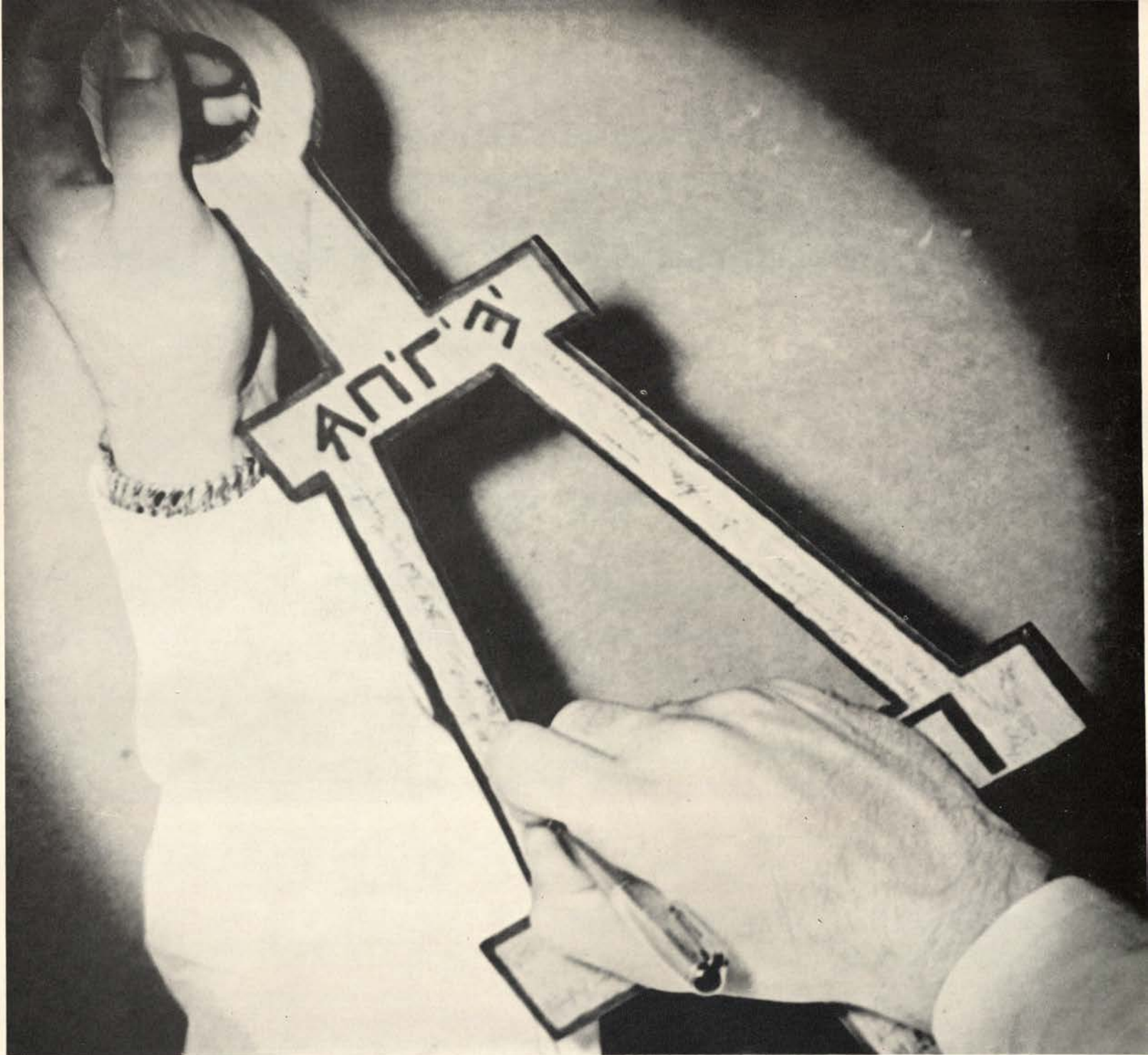
President.....Charles Lea
 Vice-President.....Peter Gerard
 Secretary.....Jim Alford
 Treasurer.....Larry Murphy

"If a man does not make new acquaintances as he advances through life, he will soon find himself left alone; one should keep his friendships in constant repair". . . Johnson.

OPPORTUNITIES for friendship with fellow engineers is the service rendered the student by campus organizations. Acquaintances formed now will linger far past graduation exercises.

Activities





Rollamo Board



*Danger, men working!
Jake and Ralph.*



*The Officers.
Staff photographer.*



*Dig that smile.
Page-planning conference.*



OFFICERS

Editor-in-Chief	Jim Goeddel
Business Manager.....	Alan Burgess
Literary Editor.....	Bob Schaefer
Associate Editor.....	Ralph Hollocher
Organizations Editor	Jim Hubeli
Classes Editor.....	Jim Gerard
Sports Editor.....	Ray Skubic
Staff Photographer.....	Gunther Helm
Secretary	Mike Stearman

SINCE the year 1907, when the first edition of the Rollamo appeared on our campus, the task of compiling an accurate and attractive record of the students' college activities has become increasingly large with each year.

The production of a yearbook has become a work which entails not only the sifting of an ever increasing mountain of material, but also a work which demands from the editor an original and improved styling. It demands personal expression that is not usually manifested in the engineering world where cold facts and figures are the rule.

Rollamo Board

With these thoughts foremost in mind, Editor Jim Goeddel, guided by practical considerations of ability and availability, chose a staff of men with whom he could undertake and complete, to his satisfaction, this year's edition.

Al Burgess, as Business Manager, handled the budget, requisitions, and school forms. Bob Schaefer, Literary Editor, edited material turned in by his staff and organizations. Ralph Hollocher, Associate Editor, assisted the editor. Organizations Editor Jim Hubeli made contracts for organization pages and aided in the layout

of the book. As Classes Editor James Gerard collected material on the senior class and undergraduates. Raymond Skubic, Sports Editor, handled the sports section. Gunther Helm, Staff Photographer, is responsible for the excellent photography. The minutes of the meetings and the plans of the book were kept in order by the Secretary, Mike Stearman.

It is the sincere hope of the 1953 Rollamo Board, their capable advisor, Prof. J. J. Jelinek, and the many tryouts, that this edition will prove to be of value to the history of M.S.M.

FIRST ROW: Mathis, Mueller, Kebel, Shepard, Hoffman, Yallaly, Oefelein, Helm, Elswick, Chapman. SECOND ROW: Winchester, Hollocher, Schaefer, Burgess, Skubic, Goeddel, Stearman, Smid, Ordemann, Cole. THIRD ROW: Barnds, Dye, Thompson, Hansen, Farmer, Egan, Crutcher, Mullins, Ludewig, Lietz, Gollhofer, Ferber, Hubeli, Sontag, P. Gerard, Lischer, Hanss. FOURTH ROW: Groteke, Algermissen, Soma, Wall, Barczykowski, Greaves, Rudolph, Spitzer, Mann, Pickering, Muscovalley, Holmbeck, Gulotta, Schejbal, Lang, Brown, Hoffmann, Richter. FIFTH ROW: Hart, Howard, Wahl, Weakly, Lesyna, Pitlyk, McCarthy, Buescher, Burns, Douglass, Le Brun, Bardou, Zickel, Mengwasser, Van Buskirk, Paladin, Godsey, J. Gerard, Kline, Robinson.



Miner Board



FIRST ROW: Elswick, Schemel, Feldmiller, Ludewig, Algermissen, Dowdy, Richter, Custer, Smid, Cole. SECOND ROW: Bruskas, Stewart, Thompson, Hampel, Fuller, Egan, Rudolph, Bardon, Farmer, Oefelein, Gulotta, Muscovalley, Ferber, Dye, Stearman, Hanss, Helm. THIRD ROW: Goeddel, Burgess, Chapman, Brown, Soniag, Catron, Gartland, Barczykowski, Greaves, Mengwasser, Kline, Lang, Lischer, Crane, Skubic. FOURTH ROW: Hart, Mullins, Poe, Zacher, Hansen, Pitlyk, McCarthy, Buescher, Burns, Douglass, Zickel, Lesyna, Van Buskirk, Le Brun, Wheeler, Groteke, Hoffmann.

OFFICERS

S. Theodore Algermissen.....	Editor-in-Chief
William H. Feldmiller.....	Business Manager
Jack M. Wheeler.....	Managing Editor
James F. Ludewig.....	Associate Editor
Daniel E. Groteke.....	Sports Editor
Charles C. Poe.....	Advertising Manager
George L. Dowdy.....	Circulation Manager
Robert R. Richter.....	Feature Editor
Myles D. Stearman.....	Exchange Editor
Robert C. Custer.....	Secretary

THE first student publication appeared on the M.S.M. campus less than twenty years after the opening of the school. This publication, called the Notebook, was a magazine which was put out at irregular intervals. The students also contributed articles to the Argus of the University of Missouri. In 1914 the first Missouri Miner, a magazine, was published and since then it has continued to represent the student body. The Miner has developed from the magazine to the present form which we are all familiar with.

The 1952-53 edition of the Miner under its editor and his staff has served the school, students, and faculty in many ways. The Miner acts as a means of exchange, information, and entertainment. As in the past, it has been used by those students interested in writing as a means of self-expression. Those who work on the paper gain valuable training in publication and business administration.

By presenting differing points of view on various subjects of interest to the student, the paper has aided him in formulating his own opinions and acting accordingly. On certain topics the Miner has taken a definite stand. Last year being election year, a poll was taken by the Miner to find out which candidate for President the students favored. If a student writes a letter to the editor of the paper and it is of interest to the whole school, the letter is published. The Miner takes interest in all matters concerning the welfare of the school.

Miner Board

Sports were well covered, and the sports page, as usual, proved to be one of the most popular sections of the paper. The activities of the school's varsity teams, as well as in the intra-mural sports were well covered. A new article on sports, "As I See It", added variety to the sports page.

A special edition for St. Pat's was put out by the Miner. The St. Pat's edition covered the social functions and featured pictures and articles on St. Pat, his Queen, and her Court of Love and Beauty.

Yes, the paper prospered through another bountiful year. Now we turn and look forward to the paper's fortieth birthday with the confidence that it will be a successful one.



The staff members.

Watch the budget!

Bill and Ted examine the finished product.

Dan and "Ed" checking things over.



A. S. M. E.

OFFICERS

Chairman.....Marvin Boyd
 Vice Chairman.....Milton Smid
 SecretaryRayford Kruger
 TreasurerWilliam A. Bennett

THE student branch of the American Society of Mechanical Engineers, from its opening fall program dealing with "Prefabricated Holes" up to the traditional spring banquet, has experienced a very busy year. Student interest in the society was evident by the numbers of men that joined, as well as those that attended the meeting.

The main purpose of the A.S.M.E. is to further the student knowledge in the Mechanical Engineering field.



FIRST ROW: Kuster, Smith, Sacks. SECOND ROW: Scofield, Kerr.

FIRST ROW: Daniel, Brentz, Moore, Allen, Kruger, Larson, DeShurley, Miles. SECOND ROW: Townsend, Clodfelter, Hoppler, North, Smith, Weber, Koederitz, Boleski, Smid, Schejbal. THIRD ROW: Hughes, King, Kassab, Enslow, Custead, Farmer, Rudolph, Halterman, Stearns, Knearem, Cole, Mueller, Nyman, McNeill, Dowell. FOURTH ROW: Spitzer, Hammond, Buescher, Perret, Schmidt, Wall, Boyd, Culp, Bennett, Houska, Holmbeck, Hoffman, Paladin, Huffman, Pillisch, Madison. FIFTH ROW: Kuster, Sipe, Hendrickson, Van Buskirk, Barczykowski, Lesyna, Mabie, Wahl, Sontag, Rickey, Summitt, Heinrich, Purnhagen, Amundson, Haubein, Horine, Sacks.



A. I. Ch. E.

OFFICERS

President.....David B. McKee
 Vice-PresidentJerry K. Lynch
 Secretary.....Robert C. May
 TreasurerRichard O. Holland
 Faculty Advisor.....Dr. Frank H. Conrad

THE American Institute of Chemical Engineers was granted a student chapter charter at M.S.M. in 1939. The society was founded in 1923 and now there are nearly one hundred chapters in the National A.I.Ch.E. The chapter has always sought to provide opportunities for professional development to students majoring in Chemical Engineering. Prominent men of science and industry are invited to speak before meetings whenever possible. Also featured at the meetings are technical films and talks by student members on topics of mutual interest.



May, Holland, Dr. Conrad, McKee.

FIRST ROW: Dr. Conrad, Holland, Hardebeck, McKee, May, Arter. SECOND ROW: Lewis, Storment, McGregor, Chastain, Lang, Haliday, Mason, Sparling, Altheide, Blair. THIRD ROW: Barco, Koirttyohann, Van Duyne, Towell, Gockenbach, R. Puyear, D. Puyear, Murphy, Johanningmeier, Schlesing, Chapman. FOURTH ROW: Werbitzky, Beecher, Dorris, Bohling, Sickafus, Unnerstall, Moeller, Hall.



American Society for Metals

OFFICERS

President	Marvin L. Huguen
Vice-President	Robert L. Crosby
Secretary	Jack H. Humphrey
Treasurer	Reinhard Abendroth
Faculty Advisors.....	{ William A. Frad
	{ Dr. Albert W. Schlechten



FIRST ROW: Humphrey, Huguen, Abendroth. SECOND ROW: Crosby, Roberson.

IN OCTOBER 1937 the Missouri School of Mines Chapter of the American Society for Metals was organized and established on this campus. The main purpose of the chapter is to unite the students with a common interest and to provide the student with direct contact with the man in industry, so that he may know what to expect in his later years in industry.

The organization is so designed nationally, that student members may retain their membership upon graduation.

FIRST ROW: Abendroth, Roberson, Huguen, Crosby, Humphrey. SECOND ROW: Selvaggi, Tucker, Hollocher, Sevvick, Newcomer, Poncioli. THIRD ROW: Fuhrmeister, Groteke, Faulkner, Schemel, Meek. FOURTH ROW: Burgess, Tiernon, Zacher, Moeller, Wheeler, Neiman.



American Ceramic Society

OFFICERS

President John Curtis Young
 Vice-President..... John Richard Ford
 Secretary..... Roy Dean Kinert
 Treasurer..... John Henry Bender
 Faculty Advisors..... { Dr. Herold
 Charles E. Shulze
 Dr. Planje

THE student branch of the American Ceramic Society of the Missouri School of Mines was originally formed fourteen years ago. The students in the Ceramic Engineering Department were at that time members of a local organization called the "Orton Society".

The main purpose of the student branch of the American Ceramic Society is to forward engineering and science as they relate to the ceramic industry and its associated branches.



Ford, Kinert, Young, Bender.

FIRST ROW: Sedalia, Bender, Young, Kinert, Ford. SECOND ROW: Shulze, Cauthorn, Ferber, Harper, Herold, McKee. THIRD ROW: Smith, Hampel, Gotsch, Gephart, Wilkes, Lo, Plunkett.



Tau Beta Pi



*The Brain Trust.
Banquet scene.*

*Don Dean tells them how.
Talking it over.*

OFFICERS

President.....Maurice R. Topel
Vice-President.....Henry Willis
Recording Secretary.....Raymond S. Kruger
Corresponding Secretary.....William Faulkner
Treasurer.....James Highfill



FIRST ROW: Weber, LaBouff, Holland, Carl, Campen, Neiman, Highfill, Akers, Schemel, Creamer. SECOND ROW: Gudermuth, Roberts, Huguen, Hoppler, Brown, Watson, Dannenbrink, Heimbaugh, Larson, Van Duyn, Strohbeck, Patterson, Willis, Cole, Volker. THIRD ROW: McDowell, Ford, Haynes, Hansen, Hendrickson, Dye, Lilly, Thompson, Feldmiller, Harper, Fuller, Plunkett, Robbins, Abendroth. FOURTH ROW: Blair, Faulkner, Gilbreath, Kinert, Wheeler, Poe, Ordemann, Ju kie, Nelson, Hammond, Senne, Topel, Hays, Robel, Crosby, Yorston.

THE Tau Beta Pi association was founded in 1885 at Lehigh University. The purpose of the association is to award distinction to those who have brought honor to their school by distinguished scholarship and exemplary character as undergraduates, or by their attain-

ments as alumni in the field of engineering.

The Missouri Beta Chapter, founded on this campus in 1906, annually chooses its members from the upper one-fifth of the senior class and the upper one-eighth of the junior class.

A. S. C. E.

OFFICERS

President.....John Seipel
 Vice-President.....Robert Ordeman
 SecretaryKenneth Heimbaugh
 Treasurer.....David Steele
 Advisor.....Prof. E. W. Carlton

*Head Civils.
 Was it that funny?
 Meeting scene.*

FIRST ROW: Veinhage, Jenkins, Muir, Heimbaugh, Steele, Seipel, Ordemann, Butler, Topel, Argo. SECOND ROW: Diebold, Haynes, Penzel, Hansen, Camenzind, Senne, Christian, Krispin, Anderson, Jones. THIRD ROW: H. Thompson, Dannenbrink, K. Cole, H. Cole, Robbins, Rucker, McCarthy, Owens, O'Rourke, Conci. FOURTH ROW: G. Thompson, Norris, Akers, Roberts, Juskie, O'Brien, Stewart, Spencer, Patterson, Niemeyer, Lincoln.



FIRST ROW: Frey, Reynolds, Helms, Gegel, Carlton, Highfill, Frank, Lilly, Hays, Kent. SECOND ROW: Southall, Redel, Orer, Gillham, Greaves, Robbins, LaBouff, Stroheck, Gollhofer, Elswick, Summers, Ellis, Boettger, Barton. THIRD ROW: Jones, Fiola, Stimson, Johnson, Chillik, Fowler, Middleton, Thompson, Heeger, Munson, Riemenschnitter, Marlow, Mahoney, Ludewig, Crane, Gerard. FOURTH ROW: Rabe, McMeekin, Kronmueller, Kleberger, Scott, Stewart, Lischer, Jones, Taetz, McCreary, Proctor, Thrall, Lamb, Broadus, Eason, Wilkinson.

THE M.S.M. student chapter of the American Society of Civil Engineers has been very active in promoting interest and increasing the knowledge of its members by inviting outstanding professional men from all

branches of civil engineering as featured speakers at their regular meetings. One of the outstanding events of the year was when the M.S.M. chapter attended the Mid-Continent Student Chapters Conference of the A.S.C.E. at Columbia, Missouri.

A. I. E. E.—I. R. E.

OFFICERS

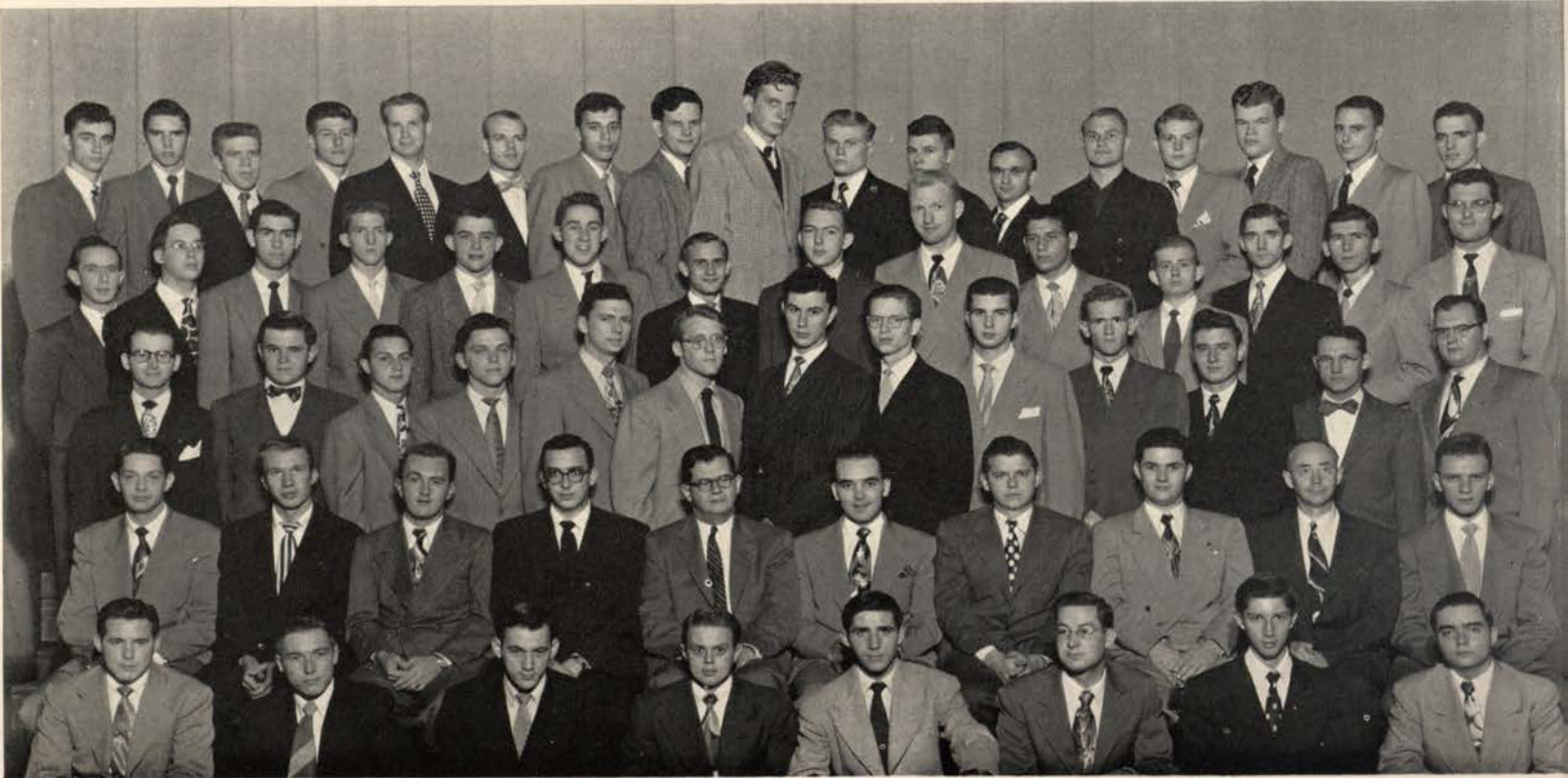
Chairman.....George F. McCormick
 Vice Chairman.....Robert E. Rasche
 I.R.E. Secretary.....Charles C. Poe
 A.I.E.E. Secretary.....Michael C. Robel
 Faculty Advisors { A.I.E.E.....J. W. Rittenhouse
 I.R.E.....R. E. Nolte



FIRST ROW: Rasche, McCormick, Meek. SECOND ROW: Robel, Nolte, Poe.

THE joint student branch of the American Institute of Electrical Engineers offers the student an opportunity to keep abreast of the developments of Electrical Engineering. Membership is open to all students of Electrical Engineering. Meetings include talks by well-known engineers and business men, field trips to those industries related to the profession and informal discussions over the various topics. Thus, the branch gives its members some knowledge of what an electrical engineer does in industry.

FIRST ROW: McDowell, Striegl, Soehngen, Spann, McCarthy, Nordling, Douglass, Gessley. SECOND ROW: Robel, Oefelein, Blackwell, Rasche, Zaborsky, McCormick, Nolte, Bardon, Grove, Schejbal. THIRD ROW: Trytko, Dillard, Miklos, C. Poe, Osbourne, Reeg, Weakly, Pickering, Lietz, Alburtis, Finley, Ellis, Walker. FOURTH ROW: Nagy, Suhre, Schramm, Roberts, Meyer, Kollmeyer, Oberschelp, Barns, Lindgren, Mengwasser, Casteel, H. Poe, Luehring, Meek. FIFTH ROW: March, Schneider, Gilbreath, Steiner, Burns, Swearingen, Schaefer, Watkins, Rosine, Lenz, Holman, Barylski, Leponis, Rand, Krueger, West, Palmer.



American Foundrymen's Society

OFFICERS

Chairman Jack Wheeler
 Vice Chairman..... Ralph Moeller
 Secretary-Treasurer..... Jack Humphrey
 Faculty Advisor..... Dr. P. E. Eppelsheimer

THE M.S.M. Student Chapter of the American Foundrymen's Society has been organized for approximately five years and it was the second student chapter to be granted a charter. Under the competent supervision of Dr. D. F. Eppelsheimer, very efficient officers, and cooperating members, the society has furthered the knowledge of its members on the common everyday problems of the foundry.



FIRST ROW: Humphrey, Wheeler, Moeller. SECOND ROW: McBrayer, Cole, Selvaggi.

FIRST ROW: Cole, Selvaggi, Wheeler, Moeller, McBrayer, Humphrey. SECOND ROW: Harbert, Mathis, Hollocher, Schemel, Koelling. THIRD ROW: Smid, Tiernon, Abendroth, Meek, Neiman.



Petroleum Club

OFFICERS

President.....John Hamby
 Vice-President.....Theodore Dobson
 Secretary-Treasurer.....Ted Ruppert
 Faculty Advisor.....Prof. Martin

THE Petroleum Club is an organization composed of students in Petroleum Engineering and any related curricula. The club, one of the newer organizations on the campus, was organized just three short years ago. It was founded with the intention of bringing the petroleum students more closely together through lectures with well-known speakers, movies, and social events.



Volker, Patterson, Paulsell.

FIRST ROW: Volker, Nelson, Patterson, Krouse, Robinson. SECOND ROW: Gulotta, Berg, Weinland, McClaine, Willis, Anders, Callaway. THIRD ROW: Brigance, Rose, Lee, Ashley, Shields, Gudermuth. FOURTH ROW: Feldmiller, Winchester, Grosso, Beams, Miller, Carpenter.



Eta Kappa Nu Fraternity

OFFICERS

PresidentDon Bardon
 Vice-President.....Charles Poe
 Corresponding Secretary.....Jerry Swearingon
 Treasurer.....Kenneth Jenner
 Faculty Advisors..... } Roger E. Nolte
 } Gabriel G. Skitek

ETA KAPPA NU was founded in 1904 at the University of Illinois by a group headed by Maurice L. Carr. The Gamma Theta Chapter of Eta Kappa Nu was founded at M.S.M. in 1952.

While the qualifications for membership distinctly stimulate and reward high scholarship, Eta Kappa Nu has a far broader purpose than merely to award a badge of distinction. As conceived by its founders and as carried forward by its membership during more than two generations, its aim is to assist its members throughout their lives in becoming better men in their profession and better citizens.



FIRST ROW: Robel, Osbourne, Skitek. SECOND ROW: Rasche, Nolte, Bardon.



FIRST ROW: Rasche, Skitek, Osbourne, Wagner, Robel. SECOND ROW: Poe, Gilbreath, Bardon, McCormick. THIRD ROW: McDowell, Swearingon, Watkins, Jenner, Reynolds.



Glee Club



OFFICERS

President.....William E. Blair
 Vice-President.....Roy Nyman
 Secretary.....Ronald Hess
 Librarian.....Robert J. Van Duyne
 Reporter.....Donald Gessley
 Director.....Prof. J. M. Brewer

Chief Songsters.

Prof. Brewer leads the group.

Sing out, fellows.



FIRST ROW: Dillard, Blair, Miller, Nyman, Hess, Chastain, McCarthy. SECOND ROW: Plank, Carpenter, Meyer, Eiserman, Gerard, Wilkinson, Gessley, Mertens, Farmer. THIRD ROW: LeBrun, Grammer, Straumanis, Van Duyne, Santoro, Rand, Beecher, Henderson. FOURTH ROW: Milligan, Schultz, Irvin, McCreary, Conci, Stevens, Murphy.

THE M.S.M. Glee Club, under the direction of Professor John Brewer, has seen one of its most successful years. Under his able direction the Glee Club developed into a small but skilled voice group. Its primary purpose is to foster music appreciation, but the group com-

bines this with social enjoyment as well. The year's activities include singing at the school convocation programs and trips to girls' colleges such as Lindenwood College, Stephens College, and Ursuline College in Paola, Kansas.

"M" Club

OFFICERS

President.....Leland Beverage
 Vice-President.....Parker Bennett
 Treasurer.....Walter Smith
 SecretaryRalph Moeller



Top Athletes.



What a nice egg.



Mr. Bennett and friends.



FIRST ROW: Hampel, Jenkins, Moeller, Neal, Gray, Padan, F. Smith, Koederitz, Boleski, B. Smith. SECOND ROW: Humphrey, Marlow, Millar, Anderson, Brentz, Orrick, Summers, Bennett, Weitzel, Rice, Robbins, Krispin. THIRD ROW: McCarthy, Kent, Abendroth, Reeg, Gerard, Metcalf, Stewart, McCoy, Paschedag, Cole, Broadus. FOURTH ROW: Beverage, Zacher, Weber, Murphy, Akers, Tiernon, Nichols, Rucker, O'Brien, Huffman, Miles, Gjelsteen, Cruse, Burns.

THE "M" Club is an athletic organization comprised exclusively of those men who have lettered in one of the varsity sports. The object of the club is to promote better sportsmanship and fellowship. It strives to stimulate intramural competition. Annually an award is

given to the outstanding intramural athlete of the year. The basis of this award is leadership, sportsmanship, athletic ability, and cooperation with teammates. An award is also given to the outstanding varsity athlete of the month on the same basis.

Chi Epsilon Fraternity

OFFICERS

President.....	Maurice Topel
Vice-President.....	Kenneth Heimbaugh
Secretary.....	Peter G. Hansen
Treasurer.....	Donald Lilly
Faculty Advisor.....	C. W. Eshbaugh



FIRST ROW: Dannenbrink, Eshbaugh, Hansen. SECOND ROW: Lilly, Topel, Heimbaugh.



CHI EPSILON is a national honorary Civil Engineering fraternity and was founded on this campus in the fall of 1949. It was organized to recognize basic technical ability and high moral character in the prospective engineer. Membership is limited to juniors and seniors who are in the top third of their class.

The principle project of the year is the maintenance of an alumni directory of all the graduates of the Civil Engineering Department.

FIRST ROW: Eshbaugh, Hansen, Heimbaugh, Topel, Lilly, Butler. SECOND ROW: Southall, Strohbeck, Ordemann, Highfill, Juskie, Hays, Getson, Dannenbrink. THIRD ROW: Goeddel, Robbins, Eason, Gegel, Frey, Proctor, Thompson, Muir. FOURTH ROW: Gerard, Wade, Haynes, La Bouff, Fowler, Kronmueller, Geisler, Senne.



Keramos Fraternity

OFFICERS

President.....Jerry D. Plunkett
 Vice-President.....Roy D. Kinert
 Secretary.....Wallace Harper
 Treasurer.....James E. Cauthorn
 Faculty Advisors.....{ Dr. Paul D. Herold
 Dr. Theodore J. Planje
 Mr. Charles E. Shulze

KERAMOS was established at Missouri School of Mines to provide a professional fraternity open to all outstanding students in the Ceramic Department. It was organized to promote and emphasize scholarship and character in the thoughts of ceramic students.

The members of Missouri Chapter, ably guided by Dr. Paul G. Herold, have been active in promoting interest in ceramic art, technology, and engineering. Every year the organization awards to the outstanding junior and senior student in ceramics recognition for high honors.



FIRST ROW: Ford, Plunkett, Cauthorn. SECOND ROW: Kinert, Harper.

FIRST ROW: Cauthorn, Kinert, Plunkett, Harper, Ford. SECOND ROW: Mohanty, Shulze, Frad, Herold, McKee, Sedalia.



Phi Kappa Phi

OFFICERS

President.....Langdon Taylor
 Vice-President.....Donald L. Dean
 Journal Correspondent.....Robert E. Houston
 Secretary-Treasurer.....William J. Jensen



Dean, Taylor, Jensen, Houston.

PHI KAPPA PHI is a national scholastic honor society founded in 1897 for the purpose of recognizing outstanding scholarship. Its chapters strive to encourage and emphasize scholarship by offering membership to seniors who are eligible under the by-laws of the organization.

The Missouri School of Mines Chapter elects seniors who have maintained a grade point average of 2.00 or better, but may not elect more than 10 per cent of the class. Phi Kappa Phi maintains an active student loan fund, and it also awards the Phi Kappa Phi Book Plate to each student with a 2.00 grade point average or better for the academic year.

FIRST ROW: Houston, Thompson, Eshbaugh, Jensen, Dean, Taylor, Butler, Cagg, Rankin. SECOND ROW: Culp, Schemel, Willis, Patterson, Carl, Hays, Robbins, Roberts, Strohbeck. THIRD ROW: McKee, Kruger, Plunkett, Lilly, Heimbaugh, Senne, Getson, Wagner, Akers, Lynch.



A. I. M. E.

OFFICERS

PresidentFred Scharf
 Vice-President.....Henry Fletcher
 Secretary.....Sam Culmo
 Treasurer.....Milan Lipensky
 Faculty AdvisorW. A. Vine

THE Student Associate Chapter of the American Institute of Mining Engineers was founded at M.S.M. over thirty years ago. Its purpose is to present to its members timely information so that they may better realize the current problems confronting the mining and mineral industries. At the monthly meetings, prominent members of the industry present lectures concerning the latest developments in their respective fields. Motion pictures relating to the mining field are shown at meetings.



Williams, Bruskas, Williamson, Scharf.

FIRST ROW: Sonewald, Escott, Morales, Mallow, Andersen, Ellis, Callaway, Gockel. SECOND ROW: Patterson, Dye, Winchester, Bruskas, Williamson, Williams, Scharf, Vine, Baumgardner, Nelson. THIRD ROW: Emiling, Brigance, Govatos, Mertens, Grosso, Weinland, Roberts, Fuller, Hamby, Volker, McClaine, Waheb, Campen, Reschetz, Gudermuth. FOURTH ROW: Miele, Anderson, Zimmerman, Weidman, Lipensky, Pifer, Heller, Tiernon, Padan, Ali, Hoppe, Willis, Wildermuth, Ramsey, Ellis, Wiseman, Dowdy. FIFTH ROW: Perkins, Achterberg, Runvik, Weber, Robinson, Hopler, Krieg, Victor, Hooks, Smith, Ballantyne, Soma, Fields, Godsey, Stoddard, McDonald.



Blue Key Fraternity



The Officers.

OFFICERS

President.....	Jack L. Eason
Vice-President.....	Roland Pohlman
Secretary-Treasurer.....	Clay Robbins
Corresponding Secretary.....	Ralph Hollocher
Faculty Advisor.....	J. A. Steinmeyer

Banquet scene.

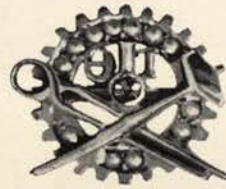


FIRST ROW: Algermissen, Robbins, Eason, Koederitz, Roberts, Dye. SECOND ROW: Feldmiller, Moeller, Smith, Hansen, Poe, Humphrey. THIRD ROW: Volker, Richter, Fuller, Johnson, Helm, Hoffman, Goeddel. FOURTH ROW: Gerard, Niemeyer, Lincoln, Juskie, Cole, Wheeler, Smid.

BLUE KEY is an honorary fraternity founded at the University of Florida in 1924. Since then, it has expanded to a hundred campuses. The M.S.M. Chapter was founded in 1933. Its motto, "Serving I Live", is enacted by publishing a student directory each year and

providing guides for school functions such as Parent's Day. Blue Key chooses its members on a basis of character, scholarship, student activity, and service. The fraternity also extends its membership to a limited number of faculty members.

Theta Tau Fraternity



OFFICERS

Regent Dick Hampel
 Vice-Regent..... John Jolly
 Scribe..... Jim Gerard
 Treasurer Tom Fuller
 Corresponding Secretary..... Dan Groteke
 Faculty Advisor..... Prof. Joe B. Butler

The Wheels.



Sweating out the quiz.



FIRST ROW: Veinhage, Hampel, Koederitz, Eason, Butler, Hamby, Topel, Roberson. SECOND ROW: Goeddel, Hollocher, Kinert, Stewart, Abendroth, Oefelein, Blackwell, Anderson, Jones. THIRD ROW: Roberts, Dannenbrink, Gerard, O'Brien, Buescher, Lang, Ruppert, Stevens, Haynes, Jenkins. FOURTH ROW: Zacher, Stephenson, Gray, Dye, Wheeler, Fuller, Christian, Helm, Stoddard.

THETA TAU, a professional engineering fraternity, was founded in 1904 at the University of Minnesota. The Iota Chapter was founded at M.S.M. in 1916. Since that time it has continued to be one of the outstanding organizations on the campus. Alumni members

of Iota Chapter have a fine industrial record. Theta Tau's prime objective is to integrate the engineer into everyday society. In addition to this, it strives to further the interests of engineering. Its members are chosen from the sophomore, junior, and senior classes.

Sigma Gamma Epsilon

OFFICERS

President.....	Henry Willis
Vice-President	John Schemel
Corresponding Secretary.....	Robert Paulsell
Secretary-Treasurer	Theodore Algermissen
Faculty Advisor.....	William R. Higgs

SIGMA GAMMA EPSILON, a national honorary scholastic fraternity of the earth sciences, was reactivated on this campus just a few years ago. At present the national headquarters of the fraternity is located here at M.S.M.

The object of the organization is to further the development of mutual interest and ideas between students of geology, mining, metallurgy, ceramics, and petroleum and to solve present-day problems that confront them.



FIRST ROW: Weiss, Willis. SECOND ROW: Algermissen, Higgs, Paulsell.

FIRST ROW: Algermissen, Willis, Weiss, Higgs. SECOND ROW: Bruskas, Paulsell, Harper, Clarke. THIRD ROW: Plunkett, Cotter, Patterson, Neiman, Schemel.



Alpha Chi Sigma

OFFICERS

Master Alchemist.....James E. Akers
Vice-Alchemist.....Ralph W. Carl
Reporter.....Edward L. Creamer
Recorder.....Richard W. Arter
Faculty Advisor.....Dr. William Webb

ALPHA CHI SIGMA is a national professional chemical fraternity which was founded in 1902 at the University of Wisconsin. The M.S.M. group, known as the Beta Delta Chapter, was begun in 1936. A pledge class is initiated each semester and the chapter holds regular meetings semi-monthly.

The fraternity's objectives are to bind its members in lasting friendship, to strive for the advancement of chemistry, and to aid its members by every honorable means in the pursuit of their profession.



FIRST ROW: Arter, Akers, Carl. SECOND ROW: Custer, Creamer, Egan.

FIRST ROW: Custer, Carl, Akers, Creamer. SECOND ROW: Egan, Towell, D. Puyear, R. Puyear, Moeller, Schulte. THIRD ROW: Arter, Holland, Haliday, Gockenbach, Van Duyne, Kolasch, Zamudio.



Student Council

OFFICERS

President.....William E. Patterson
 Vice-President.....Robert W. Andersen
 Secretary.....George Hargraves
 Treasurer.....Ralph Carl
 Faculty AdvisorProf. Sam Lloyd



Andersen, Patterson, Hargraves.



THE Student Council is a body made up of representatives from the fraternity and independent organizations.

Class elections are handled by the Council along with other functions, including assistance offered in blood drives by the Red Cross. A noteworthy accomplishment of the Council this year was the inception of the Powder Keg Football Trophy in cooperation with S.M.S. College to foster better student relations between the two schools. It will be awarded to the winner of the Miner-Springfield football game in 1953.

FIRST ROW: Volker, Andersen, Patterson, Hargraves, Madison. SECOND ROW: Weitzel, Bennett, Weber, Helm, Hollocher, Willis.
 THIRD ROW: Krieg, Ponciroli, Fuller, Jenner, Lang, Smith, Knearem, Newcomer.



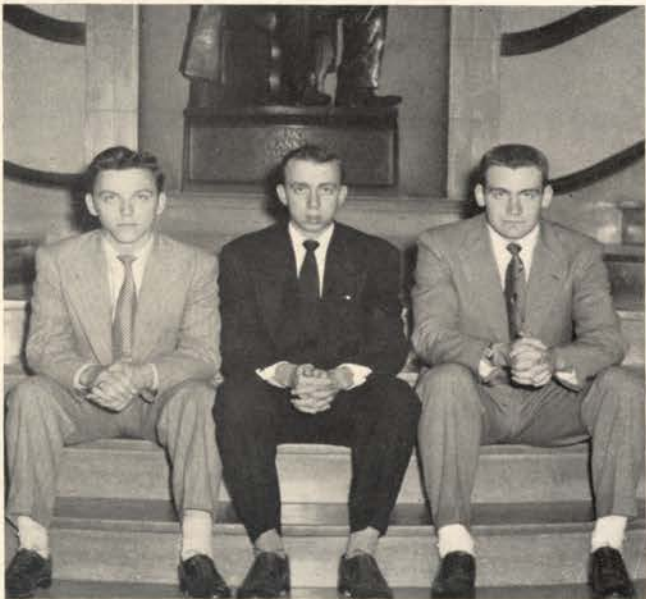
Interfraternity Council

OFFICERS

PresidentGeorge Dowdy
Vice-President.....Charles Poe
Secretary-TreasurerGerald L. Metcalf

THE Interfraternity Council at the School of Mines has twenty-four members serving as representatives on the Council, two men from each fraternity. Each chapter elects a new member for one year each year to serve as a junior member and as a senior member the second year.

The I.F.C. also sponsored the Interfraternity Bridge and Chess Tournaments. The I.F.C. sing is one of the year's finest events. It awards a scholarship trophy for high fraternity average.



Poe, Dowdy, Metcalf.



FIRST ROW: Poe, Metcalf, Dowdy, Dye, Abendroth. SECOND ROW: Amundson, Purnhagen, Hubeli, Riemenschnitter, Van Dusen, Soehngen, Burgess, Algermissen.



University Dames

OFFICERS

PresidentMarie Formeister
 Vice-President.....Jo Ann Runvick
 Recording Secretary.....Mrs. Jerry Humphries
 Corresponding Secretary.....Jo Anne Purnhagen
 TreasurerDorothy Sprick

The Officers.



Meeting time.



FIRST ROW: Purnhagen, Sprick, Humphries, Fuhrmeister, Wilkes, Thompson, Shields, Trust, Harbert. SECOND ROW: Casler, Murphy, Blackmon, Gillham, Ellis, Hoppe, Geisler, Voigt, Rabe, Hoppler, Young. THIRD ROW: Robbins, Scott, Morris, Montgomery, Kinert, Robinson, Neal, Spencer, Katz, Norris. FOURTH ROW: West, Patterson, Sabus, Ordemann, Clodfelter, Weinland, Garten, Holder, Southall, Neumann.

UNIVERSITY DAMES, an organization composed of student wives, is organized to promote a spirit of friendliness, furnish a means of entertainment, and stimulate general culture among its members. Special interest groups within the organization provide its mem-

bers with an opportunity to participate in a variety of activities. These subsidiary groups are the Drama Club, Glee Club, Work Basket, and card clubs. The organization also shows interest in student activities by entering a float in the annual St. Pat's Float Contest.

M. S. M. Players and Alpha Psi Omega

OFFICERS

President.....Betty Sue Denison
Business Manager.....Richard O. Slates
Faculty Advisor.....Prof. William J. Murphy



*The Players.
Do you mean it?*

*Steady
Hmmm.*

*It's this way.
Say it sweetly.*

THE M.S.M. Players, a dramatic organization, functions on the campus for the purpose of providing dramatic entertainment for the students and worthwhile diversion for the members of the group. The presentation of "Harvey" highlighted the year's work.

ALPHA PSI OMEGA, a national dramatic society, chooses its members from the student body who have qualified themselves through the portrayal of a specified number of major and minor roles. The society works in conjunction with the M.S.M. Players.

St. Pat's Board

OFFICERS

President.....	Hugh Blevins
Vice-President.....	Dick Hampel
Secretary.....	Fred Smith
Treasurer.....	Jack Wheeler
Faculty Advisor.....	Prof. Sam Lloyd

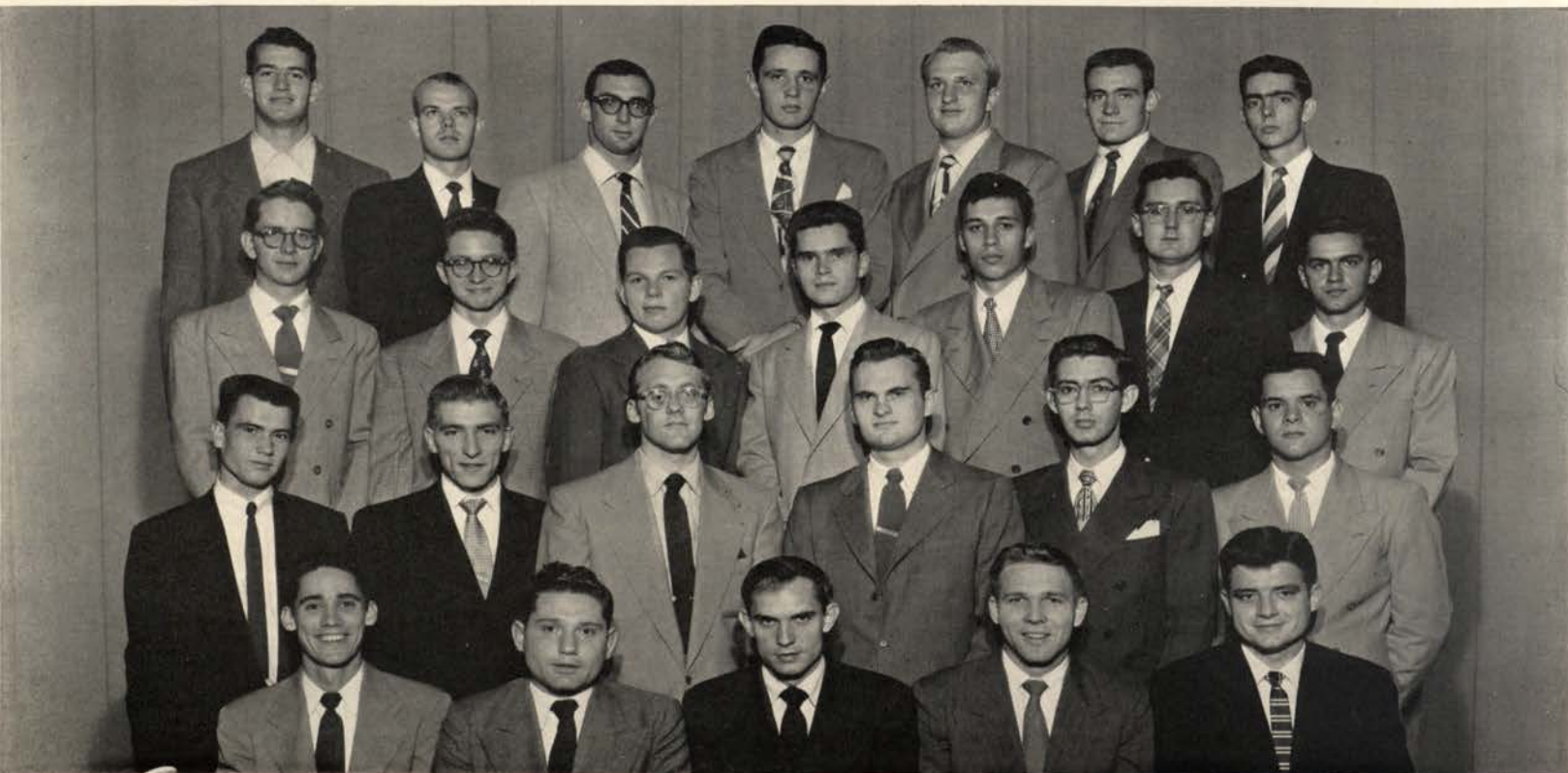


Wheeler, Getson, Blevins, Jenkins.



ST. PATRICK was an engineer, as every loyal Miner will attest, and it is on his birthday that M.S.M. celebrates and forgets its school work for a gala celebration. The man with the horn, Ray Anthony, provided the music for this four-day extravaganza and Mrs. Joan Christian was selected as Queen for the festival. A parade of gaily decorated floats, including a float for the Queen and her maids, knighting ceremonies, a formal ball, and a costume ball at which the Queen is crowned rounded out the holiday activities.

FIRST ROW: Jenkins, Getson, Blevins, Wheeler, Weber. SECOND ROW: Scott, Hampel, Reeg, Patterson, Harper, Yallaly. THIRD ROW: Nothstine, Padan, Zoellick, Christian, Schaefer, Hopler, Emling. FOURTH ROW: Gerard, Swearingen, Roerman, Rucker, Wolf, Metcalf, Godsey.



Alpha Phi Omega

OFFICERS

PresidentRobert E. Hanss
 1st Vice-President.....Joseph Krispin
 2nd Vice-President.....Robert Oetting
 SecretaryKenneth Mann
 Treasurer.....Gorman Morris

THE Beta Omicron Chapter of Alpha Phi Omega, a national service fraternity, was granted a charter in March, 1939. Alpha Phi Omega consists of men who have been active in scouting at some time and have average scholastic ability.

A.P.O. has a four-fold program which consists of service to the student body and faculty, service to youth and community, service to members of the fraternity, and services to the nation as participating citizens.



FIRST ROW: Smid, Eshbaugh, Patterson, Houston, Johnson.
 SECOND ROW: Burgess, Gerard, Hanss, Oetting.



FIRST ROW: Oetting, Houston, J. Gerard, Patterson, Smid, Hanss, Eshbaugh. SECOND ROW: Schulte, Cauthorn, Shepard, Krispin, Mann, Penzel, Weisler, McPheeters. THIRD ROW: Graden, Thompson, Kebel, Weinland, Murphy, P. Gerard, Hughes, Berg. FOURTH ROW: Burgess, Pifer, Schemel, Harting, D. Puyear, R. Puyear, Becker, Parish.



Society of Automotive Engineers

OFFICERS

President.....George Clodfelter
 Vice-President.....Herbert Pillisch
 Secretary.....Jarvis A. Hoppler
 Treasurer.....William J. Barbier
 Faculty Advisor.....Charles R. Remington



FIRST ROW: Barbier, Clodfelter, Pillisch. SECOND ROW: Hoppler, Remington.

THE student branch of the Society of Automotive Engineers was organized on this campus just last year. The members are primarily made up of Mechanical Engineers and any students who have an interest in the automotive field. It works in conjunction with the American Society of Mechanical Engineers.

The S.A.E. has many functions and group projects. Among the functions was a trip to Ramco Piston Ring Corporation's plant in Sullivan and to the regional banquet at the Chase Hotel in St. Louis.

FIRST ROW: Hoppler, Pillisch, Barbier, Clodfelter, Remington, Sacks, Kuster, Madison. SECOND ROW: Culp, Smid, Sabus, Hannauer, Baebler, Mueller, Purnhagen, Henderson. THIRD ROW: Sipe, Kruger, Hughes, King, Horine, Hull, Bennett, Larson, Lesyna. FOURTH ROW: Perret, Allen, Kerr, Scofield, Smith, Bub, Ogle, Davis, Kneareem.



Independents

OFFICERS

President.....Henry Willis
 Vice-President.....Roy Kinert
 Secretary.....Jerry Swearingen
 Treasurer.....Sam Smart
 Faculty Advisor.....Prof. Houston

THE Independents were recognized as a campus organization in 1935 to represent men not affiliated with the social fraternities in social activities, student government, and student affairs.

The social interests of the Independent students are furthered by this organization with the annual "Independents Outing" in the spring and with an Open House Party following the formal dance during the St. Pat's holidays. In the yearly battle between the Fraternities and the Independents over the class elections, the Independents tasted defeat in the freshmen, sophomore, and junior classes, but managed to win the senior election.



Smart, Kinert, Willis, Swearingen.

FIRST ROW: Sacks, Kuster, Swearingen, Willis, Kinert, Smart, Stevens, Conci, Patterson, Ford. SECOND ROW: Strohbeck, Huguen, Henderson, Finley, Custead, Horine, Baumgardner, Krouse, Houska, Dillard, McClaine, McCarthy. THIRD ROW: Weitzel, Rice, Perkins, Krieg, Baebler, Beecher, Walker, Sonewald, Madison, Grosso, Ali, Wiseman, Helm. FOURTH ROW: Milligan, Hamby, Burns, Henry, Middleton, Schneider, Anders, Steiner, C. Crandall, K. Crandall, Harper, Newcomer, Feese, Poncirolli, Pifer, Bennett.



Baptist Student Union

OFFICERS

President William McGregor
 1st Vice-President James Mullen
 2nd Vice-President George Freebersyser
 3rd Vice-President James Stump
 Secretary Richard Hendrickson
 Treasurer Rodney Gilbreath



FIRST ROW: Mullen, McGregor, Gilbreath. SECOND ROW: Hendrickson, Freebersyser, Stump.

THE Baptist Student Union was organized on the M.S.M. campus in 1947, and since that time it has grown rapidly in stature, membership and prominence. The purpose of the group is to promote Christian fellowship and entertainment for any and all students interested in the organization. Regular meetings of the group are held featuring speakers who provide the members with varied interesting information; and similarly, the group strives to sponsor group outings and activities for its members' relaxation and enjoyment.

FIRST ROW: Carlisle, Mullen, Leonard, McGregor, Stump. SECOND ROW: Gegel, Feese, Hendrickson, Edmunds, Patterson. THIRD ROW: Rand, Freebersyser, Anders, Carroll, Ramsey, Chastain. FOURTH ROW: Gilbreath, Oetting, Jones, Sickafus, Kaiser.



Gamma Delta

OFFICERS

President Alfred Moeller
 Vice-President..... Nicholas Weiss
 Secretary..... Vance Haltermann
 Corresponding Secretary..... Harold Zoellich
 Faculty Advisor..... Rev. N. C. Ellermann

GAMMA DELTA is an international association of Lutheran students founded in 1934 at Chicago, Illinois. Its primary objectives are to provide its members with Christian fellowship, to help them increase in Christian knowledge, and to serve the church and the community. To promote these objectives it carries on a program of religious, educational and social activities. Various service projects, such as providing spending money for the orphaned children, are undertaken during the year.



Sundermeier, Brockmann, Englund, Moeller.



FIRST ROW: Englund, Weiss, Brockmann, Moeller, Sundermeier, Rev. Ellermann. SECOND ROW: Kollmeyer, Meyer, Peters, Hoffstetter, Weber. THIRD ROW: Schramm, Achterberg, Eberle, Schaffner, Haubein. FOURTH ROW: Haertling, Dannenbrink, Abendroth, Schildmyer, Zoellick.



First Floor Dormitory

THE M.S.M. Dormitory, owned and operated by the Missouri School of Mines, is a fire-proof, four-story structure located near the main campus. The modern dormitory, which is capable of housing one hundred and seventy students, was completed in the summer of 1950

FIRST ROW: Schultz, Mahoney, Jones, Casteel, Osbourne, Rand. SECOND ROW: Mangan, Nebelsick, Beeker, Brawley, Moore, Auld, Cotelli Queen, Dorris. THIRD ROW: Borgerding, North, Leisure, Beams, Lindsey, Grimes, Baker, Chapman, Godsy, Unnerstall.



FIRST ROW: Pendergraft, March, Boyd, Gieseke, Gockenback, Rimick. SECOND ROW: O'Neal, Santoro, Tuckers, Anders, Walker, Taetz, Morales, Grammer. THIRD ROW: McPheeters, Miller, Thompson, Yiannos, Heinrich, Graden, Hatzikyriakos. FOURTH ROW: Kassab, Weisler, Noll, Newman, Fussell, Irvin, Van Duyne, Wendell.

Second Floor Dormitory

and opened to the student body at the beginning of the 1950 fall semester. The Dorm Council is the governing body of the dorm. This group is composed of a president, secretary, and eleven representatives, each elected for one semester. The elected representatives are

Third Floor Dormitory

paid a salary of ten dollars a month for their services to the school. Regular meetings are held by the Council to discuss the problems concerning the residents of the Dorm. The Dorm participated actively in all of the intramural sports, fielding excellent teams in many of the

FIRST ROW: Hongsyok, Lum, May, Plank, Dillard. SECOND ROW: Jackson, Schmidt, Eiserman, Gessley, Beecher. THIRD ROW: Ross, Altheide, McNew, Gudermuth, Barylski, Shurberg. FOURTH ROW: Henriksen, Williams, Smith, Walker, Lipensky.



FIRST ROW: Robinson, Thompson, Lilly, Scharf, Hughes, Striegl, Sacks, Wood. SECOND ROW: Paul, Larson, Jones, Ellis, Piletic, Kuster, Owens, Summitt. THIRD ROW: Pickett, Norman, Glasscock, Miller, Schramm, Roberts, Rickey, Lamb, Sloan. FOURTH ROW: Larson, Hollingshead, Murphy, Nordling, Sharp, Wilkinson, Rosine, Stone, Nothrup.

sports, especially basketball. The ever increasing spirit of the Dorm was shown by the caliber of its intramural teams and the outlook for future competition looks very bright. All of the Dormitory residents eat at the school cafeteria.

Basement Floor Dormitory

Photo Club

THE M.S.M. Photo Club gathers to its ranks those Miners interested in amateur photography. The purpose of the club is to further the interest in photography on the campus. The club maintains a modern, fully equipped dark room for use by the members.

FIRST ROW: Haubold, Lischer, Dye, Hansen, Corneli. SECOND ROW: Helm, Plunkett, Houska, Owen, Rasey, Ali, Parish, Hopler.



FIRST ROW: Casteel, Mahoney, Paar, Brown, Lindsey. SECOND ROW: Daniel, Padan, Rasey, Patterson, Auld, North. THIRD ROW: Brawley, Oetting, Bogush, Gremminger, Hays, Hess. FOURTH ROW: Mueller, Schejbal, Duncan, Lester, Godsey, Lewis, Sharp. FIFTH ROW: Horton, Wilkinson, Cox, Weisler, McPheeters, Van Buskirk.

M. S. M. Band

THE M.S.M. - R.O.T.C. Band is directed by Mr. William Paar and is composed of about thirty members. The band plays for military reviews, for all home football games, and for special occasions designated by Dean Wilson. Also two concerts are offered.

Radio Club

THE Radio Club furnishes a means by which amateurs can apply their talents.

The E.E.-sponsored club, with its 1000-watt station WOEEE and other transmitters and receivers, holds regular meetings, which feature speeches pertinent to the radio field.

FIRST ROW: Schramm, Rasche, Blackwell, Lindgren, Sickafus. SECOND ROW: Higgs, Meyer, Rosine, Houska, Milligan. THIRD ROW: Million, Nordling, Schneider, Suhre.



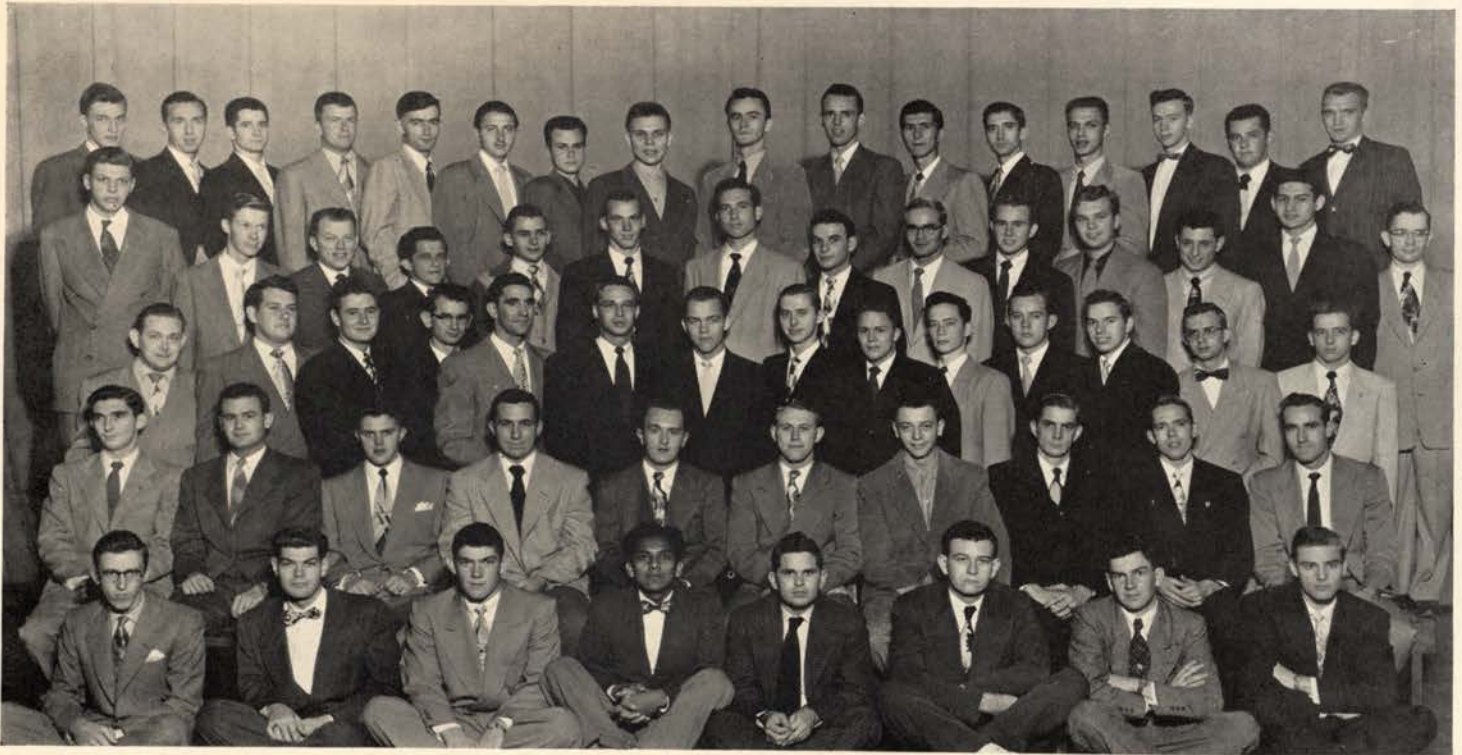
FIRST ROW: Frad, Houston, McKee. SECOND ROW: Sedalia, Fuller, Matthews, Bessey, Jensen.

SIGMA PI SIGMA was organized to award distinction to students having high scholarship and promise of achievement in physics and closely related subjects, and to encourage a professional spirit and friendship among those who have a marked ability in physics.



Sigma Pi Sigma

Engineer's Club



FIRST ROW: Enslow, Kaiser, Sanders, Moreno, J. Reynolds, Akers, Helm, O'Rourke. SECOND ROW: Madison, Sipe, Gegel, Barton, Blackwell, Schemel, Wigger, Weidman, Frey, G. Reynolds. THIRD ROW: Towns, Martin, Finley, Henry, Heimbaugh, Hamby, Milligan, Custead, Strohbeck, Steffan, Highfill, Campen, Sanner, Gillham. FOURTH ROW: Zimmerman, R. Bennett, Davis, Hargraves, Poschel, Carl, Neiman, Heller, Munson, Newcomer, Perkins, Boraz, Ponciroli, Creamer. FIFTH ROW: Gramlich, Rice, Weitzel, P. Bennett, Proctor, Weber, Middleton, Hespen, McKee, McNeill, Luehring, Poe, Schulze, Gremminger, Wiseman, Baumgardner.

OFFICERS

PresidentGeorge Hargraves
 Business ManagerBill Sipe
 Secretary-TreasurerDean Barton
 Board of Control.....Helm, Newcomer, Weitzel, Ponciroli

New home of Engineer's Club.



THE Engineers Club, the oldest co-operative club on the Missouri School of Mines campus, has a twofold purpose. First, it serves as an eating establishment where wholesome and appetizing meals can be obtained at a reasonable price due to efficient management and non-profit operating schedules, being strictly set up for the purpose of cutting costs of college expenses. Second, it promotes better student relations by inducing its members to support and participate in the various student organizations and activities.

The Engineers Club participates in the full intramural program, fielding top quality teams in whatever sport it engages in. The club showed interest in the campus activities, as was shown by its entry of a float in the annual

Engineer's Club

St. Pat's Float Parade. The support given by the members to the social functions of the campus show the interest which our members have in campus life.

The club is governed by three officers and a Board of Control, consisting of four members. The officers and members of the Board are elected each year on a basis of their ability in management and general all-around ability, popularity, and active interest in the Engineers Club. This year's officers, as of those officers in past years, have attempted to promote improvements that they felt were desirable and necessary, always striving to obtain economy coupled with efficiency. Apparently they have succeeded in reaching this goal, as can be attested by the fact that the Engineers Club has remained one of the top organizations on the Missouri School of Mines campus, both in numbers and in achievements.

*The Officers.
Now look here.
Watching closely.
Chowing down.*



Tech Club



FIRST ROW: Camenzind, Dixon, Thomas, Ramsey, King, Leava, Conci, Lansford, Robel, Wildermuth. SECOND ROW: Smart, McCarthy, Swearingen, Blair, Davis, Baebler, Stevens, Patterson, LaBouff, Ford. THIRD ROW: Stadelman, Chastain, Dyess, Hannauer, Johnson, Carroll, Kolasch, West, Horine, Grosso, McClaine, Krouse, T. Nagy, M. Nagy, Miklos, Meek, Gilbreath. FOURTH ROW: Hendrickson, Hess, Daniel, Mertens, Haynes, Lewis, Henderson, Mullen, Feese, Ordemann, Crandall, Oetting, Burns, Sickafus, Willis, McCreary, Victor. FIFTH ROW: Perret, Allen, Culp, Thrall, Stewart, Roberts, Bennett, Krieg, Summers, Boleski, Gephart, Stump, Holman, Steiner, Crandall, Pifer, Williams, Towner.

OFFICERS

President Bill Patterson
 Business Manager Jerry La Bouff
 Treasurer Bill Blair
 Board of Control Stevens, Baebler, McCarthy, Swearingen

FIRST ROW: LaBouff, Patterson, Blair. SECOND ROW: Swearingen, Baebler, Stevens, McCarthy.



IN OCTOBER, 1949, a group of students at Missouri School of Mines, feeling the need for more economical meals, organized the Tech Club. The Tech Club is governed by a Board of Control consisting of a president from the senior class, two junior representatives, two sophomore representatives, a business manager, and a secretary-treasurer. The function of the Board is to plan and organize the policy of the Tech Club, to manage it efficiently and economically, and to install necessary improvements. In addition to providing good

Tech Club

nutritious meals at a price within the reach of the student budget, the Tech Club also promotes fellowship and a spirit of close harmony in its members, as well as encouraging interest in school athletics, activities, and intramural sports. Being well represented in most campus organizations, the Tech Club is slowly taking its place among the leaders in intramural sports, being a perennial contender for the all-sports trophy. The Tech Club basketball team annexed the intramural basketball championship after a hard season of competition. The Tech Club is definitely one of the "Big Four" in the outstanding intramural sports program and is a likely contender for the championship. The success of this program lies in the competitive spirit of the club which shows itself whenever

a Tech Club team takes the field in intramural competition. The club also encourages members to participate in varsity sports and it has a number of its members who have lettered in the various varsity sports.

Membership to the club is obtained by application only, subject to the approval of the Board of Control.

Socially, Tech Club supports the St. Pat's celebration by entering a float in the annual St. Pat's Float Parade and supporting the various school social functions. All in all, we at Tech Club are proud of our organization, of its fellowship, its economical food budget, its intramural competition, and its support of the school activities.



*Gee!
Speed it up!*

*Just looking.
Am I hungry!*

*Checking things over.
Tell them, Sammy.*

Wesley Foundation

WESLEY FOUNDATION, a group composed mostly of Methodist students, supplies a source of entertainment and fellowship for its members. Some of its activities include skating parties, attendance at the Wesley Planning Conference, and a homecoming picnic.

FIRST ROW: Watkins, King, Allen, Lilly, Summitt. SECOND ROW: Hughes, D. Puyear, Henriksen, R. Puyear, Carpenter. THIRD ROW: Highfill, Hilgers, McPheeters, Munson, Thompson.



FIRST ROW: Col. Marvin, T. Nagy, Sedalia, Haubold, Mrs. Marvin. SECOND ROW: M. Nagy, Hongsyok, Ortegon, Leisure, Hake, Houska, Varsos, Herold. THIRD ROW: Clarke, Leong, Plunkett, Henriksen, Ali, Tangri.

International Fellowship

THE International Fellowship was organized at M.S.M. in 1949. Its prime objectives are to promote brotherhood and to further fellowship among the students. The main activity each year is a United Nations dinner featuring foreign dishes and entertainment.

Campus Scenes



*Bob and assistants.
Tough quiz?
Free loaders.
How do you turn it on?*

*Choral leader: M.S.P.E.
Materials Testing Lab.
V. I. P.'s*

*M.E. Machine Shop.
Shoolbred and partner.
How about it, Stew?
Stephens' canaries.*

"The hardest trial of the heart is, whether it can bear a rival's failure without triumph". . . Aiken.

THE character of the engineer is far too important to be misplaced among the rigid school curricula. Through a well balanced varsity athletic program plus a splendid intramural system, the student is endowed with the character and leadership required of the engineer.

Sports





Athletic Department



GALE BULLMAN
Department Chairman
Associate Professor of Physical Education, 1937, 1949.
A.B., 1925, West Virginia Wesleyan; LL.B., 1929, Washington.

FOR the last three years the M.S.M. courtmen have taken their cues from basketball mentor Dewey Allgood. Dewey, who has strengthened his friendships at M.S.M. considerably, has also taken over as Director of Intramural Sports.

Although the three-season record is anything but pleasant, due mostly to the lack of material and time, the Miner coach promises much more for the future.



ALLGOOD, DEWEY, JR., Instructor in Physical Education, 1950. B.S., 1947, North Dakota State; M.A., 1949, Colorado State.



VAN NOSTRAND, BURR ROGER, Instructor in Physical Education, 1953. B.S., 1942, Southwest Missouri State; M.Ed., 1952, Missouri.

BURR VAN NOSTRAND was appointed a member of the Physical Education Department of M.S.M. as a replacement for Chet Barnard, who died last October 16.

Burr, who was a successful high school coach at Rolla High, takes over the swimming chores as well as those of assistant football coach and intramural assistant.

Springfield State Teachers is the alma mater of Van Nostrand while he received his Master's Degree at the University of Missouri. As far as Burr's coaching ability is concerned, we'll let his past records speak for themselves.



Jackling Gymnasium

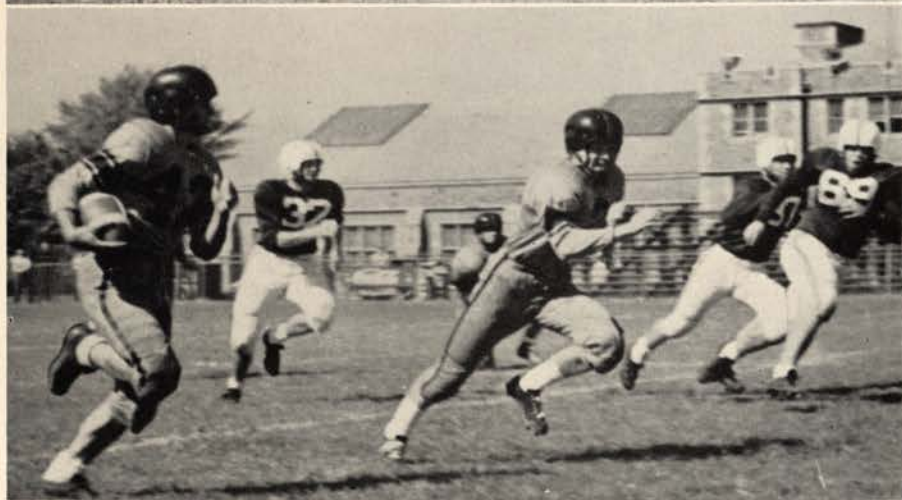
Varsity Football

SEASON'S RECORD

MINERS 0	Pittsburg	7
MINERS 6	Washington U.	27
MINERS 21	Maryville	6
MINERS 20	Warrensburg	7
MINERS 0	Cape Girardeau	10
MINERS 25	Springfield	20
MINERS 19	William Jewell	47
MINERS 19	Kirkville	52

M.I.A.A. STANDINGS

Team	Won	Lost	Tied
Kirkville	3	1	1
Maryville	3	1	1
MINERS	3	2	0
Cape Girardeau	2	3	0
Warrensburg	1	4	0
Springfield	1	4	0



*Miners beat Springfield.
Weitzel hauls back a punt.*

J. Gerard
Williams

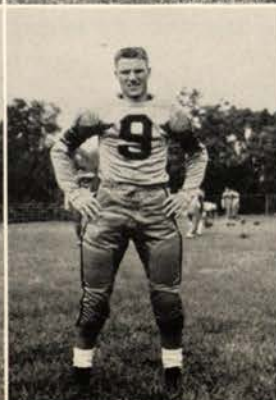
Marlow
Riemenschneider

Metcalf
Paschedag

Robbins
Hammond

Summers
K. Smith

Koederitz



Varsity Football

MINERS 21, Maryville 6

MARYVILLE was the site of the first conference game of the year and also the first victory of the year. A well-balanced offense combined with a tight pass defense gave the guest Miners a well-earned victory. This contest saw the offensive fury of the Miners unleashed for the first time with three TD's.

MINERS 20, Warrensburg 7

The Miners grabbed their second M.I.A.A. win by defeating the Warrensburg Mules at Warrensburg. The Mules, weakened by the lack of practice because of a polio epidemic, were no match for the driving offense of the Silver and Gold. The Miners not only broke through, but kept their improved pass defense.

Cape Girardeau 10, MINERS 0

Once more the Indians of Cape Girardeau applied their hex on the M.S.M. gridders. First a field goal, and then a touchdown for insurance gave Cape the edge over Silver and Gold. The Miners fought desperately in an effort to take the lead, but costly fumbles and a determined Cape team proved too much for the Miners.



*Just like dominoes.
One Bear that didn't get away.*

Humphrey

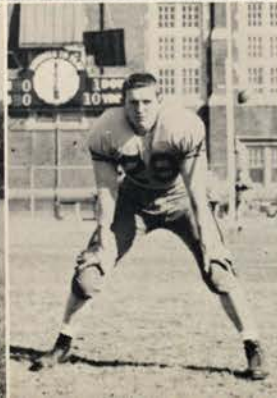
Hampel
Cruse

W. Smith
McCoy

Broaddus
Anderson

Gramlich
Moeller

Reeg
Niemeyer



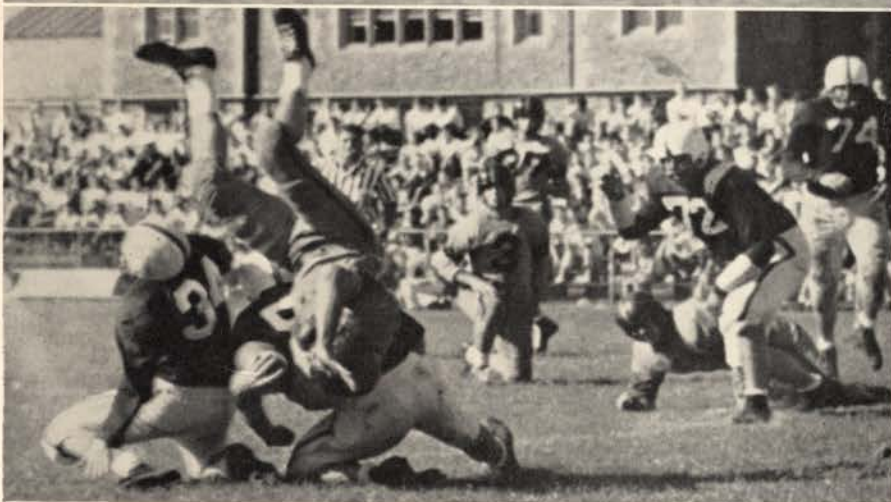
Varsity Football

Pittsburg (Kansas) 7, MINERS 0

THE opening of the 1953 gridiron season took the Miners to Pittsburg, Kansas, the home of Pittsburg State Teachers' Gorillas. A hard-fought, nip and tuck affair throughout ended with the Miners on the short end of a 7 to 0 score. Their performance was outstanding defensively and they returned eager to show their prowess against the next foe.

Washington U. 27, MINERS 6

The eagerness of the Silver and Gold, however, was stifled when in the second game of the young season the Miners fell victim to the Bears from Washington U. This was the 31st game between the two rival squads and the 25th loss for the Miners. The failure to halt the strong aerial attack of the Bruins was the deciding factor of the 27 to 6 setback. Of the nine passes completed by the Bears, three spelled paydirt. The only pleasing sights in a bogged-down Miner offense were the driving shoulders of Bill Roermann.



*Go, man, go!
Easy does it.*

Reynolds
Jehlen

Mabie
P. Gerard

Stewart
Morris

F. Smith
Rucker

Cole
Weitzel

Matteson
Neal



Varsity Football

MINERS 25, Springfield 20

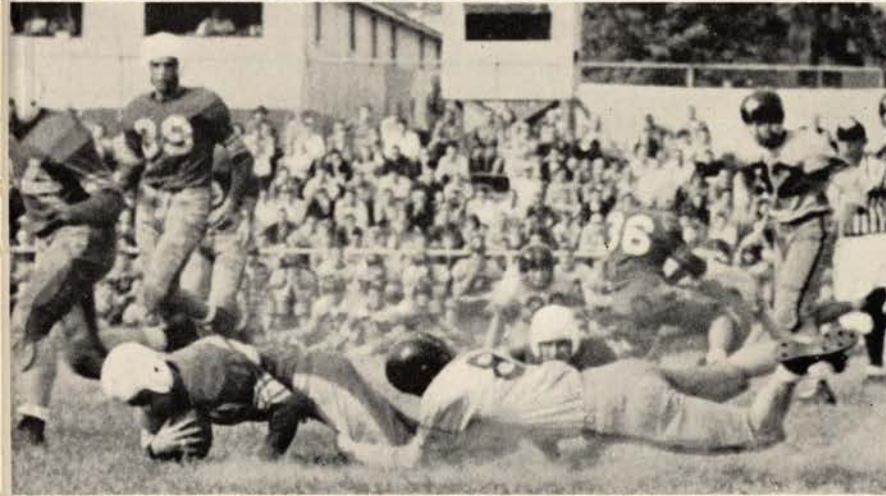
A bright, sunny Parent's Day at M.S.M. saw the Silver and Gold triumph over the Bears from Springfield by a 25 to 20 score. A four touch-down lead by the Miners was slowly chopped away as the Bears rallied only to fall short as the third Miner victim.

William Jewel College 47, MINERS 19

This non-league battle was dropped by the Miners to the Cardinals at Liberty, Missouri. Although outclassed, the Miners fought hard against the Cardinals but couldn't overcome a powerful and undaunted offense.

Kirksville 52, MINERS 19

Homecoming at M.S.M. and its cheery highlights were a definite contrast to the gloom of the game with Kirksville's angry Bulldogs. A tense and well-played first half ended with the Miners trailing. From there on, however, it was all Kirksville and the M.S.M. gridders rang the curtain down on another gridiron season.



*Stop 'em, Miners.
Bringing him down to earth.*

Bennett

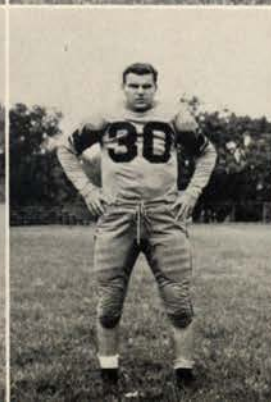
Fitzgerald
Brentz

Averill
Krispin

Millar
McCarthy

Bullman
Akers

Ware





Coach Allgood and Mr. Bennett look over the line-up.

SEASON'S RECORD

MINERS	54	Harris	67
MINERS	50	Washington U.	82
MINERS	55	Drury	94
MINERS	62	Westminster	64
MINERS	85	McKendree	88
MINERS	55	Cape Girardeau	89
MINERS	69	Warrensburg	75
MINERS	63	Cape Girardeau	78
MINERS	70	Kirksville	87
MINERS	70	Harris	61
MINERS	57	Maryville	66
MINERS	70	Kirksville	87
MINERS	69	Washington U.	101
MINERS	77	Concordia	88
MINERS	67	Springfield	106
MINERS	75	Maryville	73
MINERS	62	Warrensburg	76
MINERS	65	McKendree	105
MINERS	50	Springfield	85

Varsity Basketball

FIRST ROW: Ferrill, Oetting, Lansford, Skubic, Lea, Murphy, Orrick, Miles. SECOND ROW: Nichols, Smith, Christopher, Brands, Abendroth, Huffman, Arnold, Burgett, Koelling.



Varsity Basketball

LACKING in height and experience, the Miners started the season poorly by losing their first three games against Harris, Washington University, and Drury by generous margins of 54-67, 50-82, and 55-94. They bounced back in the next two games, however, and although losing both games, they showed that they were capable of playing good ball. In a thrill-packed game with Westminster, the Silver and Gold were edged out by two points for a final score of 62-64. In the following game they surprised a strong McKendree team before bowing, 85 to 88, on the home court. Max Burgett led the strong Miner offensive with 31 points. In their first conference outing against Cape Girardeau, the Miners were overpowered in a rough contest, 55-89. Failure to rebound and a total of 31 fouls against the Miners kept them out of contention throughout the game.

After a rest over the Christmas holidays, the Miners came back to lose a close decision with Warrensburg in their second conference game, 75-69. Led by Ray Skubic with 19 points and Max Burgett with 16 points, the Miners rallied to cut a 14-point deficit at halftime to six points before the final whistle. The Miners again showed they were improving with the season, losing to Cape, 78-63. In the previous contest with Cape they were defeated, 58-89. Still without a victory, they played Kirksville and received their tenth defeat at the hands of the Bulldogs by a score of 70-87.

The Miners finally broke the ice in a high-scoring contest at Jackling Gym by defeating Harris, 70-61, after a ten-game losing streak. The Miners took an early lead of 17 points in the first quarter which Harris could never quite overcome. Burgett led the Miner scoring with 18 points, followed by Brand with 16 in the Miner revenge of the earlier defeat by Harris.

Way up there.

Drive, Ray.

Field goal expert.

Grab that ball!

Hold it, Nick!

"Ice it," Ray!

Get it, Paul!

He'll never make it.

Go, Sonney!

Nice block.





Huffman, Center



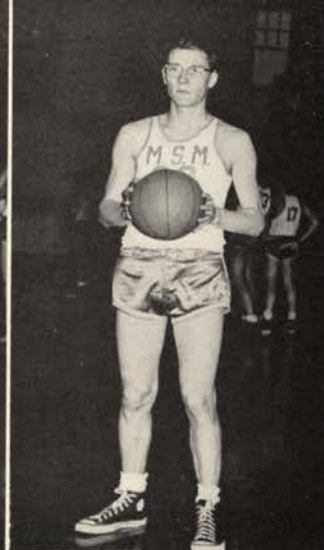
Murphy, Forward



Oetting, Guard



Burgett, Forward



Orrick, Guard

Varsity Basketball

The Silver and Gold did not enjoy their taste of victory long, however, as they lost their next game, a conference tilt with Maryville, 57-66. Led by Skubic, the Miners outscored their opponents in the final three periods, but could not overtake the first quarter Maryville lead. The following night the Kirksville Bulldogs defeated the Miners, 87-70, at Kirksville. The Bulldogs controlled the floor throughout the third quarter, giving them a 72-46 lead. A fourth quarter rally by the Miners brought the final score to 87-70. Burgett topped the scoring with 15 points.

The first opponent to meet the Miners after their return to Jackling Gym was the powerful Washington University team. Backed by a spirited cheering section, the Miners held the Bears to a 48-31 halftime score. The Bears came back stronger than ever in the second half, however, clearing the 100 mark and winning, 101-69. Burgett again led the Miners with 19 points. The Rolla team made an excellent showing against

Concordia in their next home game. Although playing excellent ball, they were no match for the powerful Concordia team and lost, 88-77. Burgett and Skubic led the scoring for M.S.M. against the St. Louis non-conference squad. The next game was with the conference leading Springfield Bears, led by their six-foot-eight center. The Bears started strong and didn't slacken their pace as they overran the Miners, 106-67. Burgett and Skubic continued their hitting with 19 and 12 points, respectively.

In their last home game of the season the Silver and Gold edged out Maryville, 75-73 for their first conference victory. Burgett scored 21 points to lead Rolla in the seesaw battle against Maryville. The lead changed hands seven times throughout the game, but by the fourth quarter the Miners had regained a two-point lead and managed to hold it until the final whistle. The Miner trip to Warrensburg the following week wasn't as successful, how-

Nichols, Forward



Koelling, Guard



Brands, Center



Abendroth, Center





Miles, Guard



Mallow, Forward



Christopher, Center



Skubic, Guard



Lansford, Guard

Varsity Basketball

ever, as they went down before the Mules, 76-62. Although leading at halftime by one point, the Miners failed to keep up the pace in the second half and fell behind. Burgett again passed the 20-point mark, scoring 21. The team then met McKendree College at Lebanon (Ill.) and was defeated by the overwhelming score of 105-65. Although they had lost to McKendree earlier in the season by only three points, the Miners were never close in the second contest. Skubic led the Miners in scoring with 18 points. The Missouri Miners closed the season at Springfield with the final game of the conference schedule. The Bears cinched first place in the conference by their 85-50 win over M.S.M. This conference defeat also placed Rolla at the bottom of the M.I.A.A. standings.

A final check of the season shows an overall record of two wins and eighteen losses, and a conference record of one win and eight losses, placing Rolla in the cellar of the M.I.A.A. con-

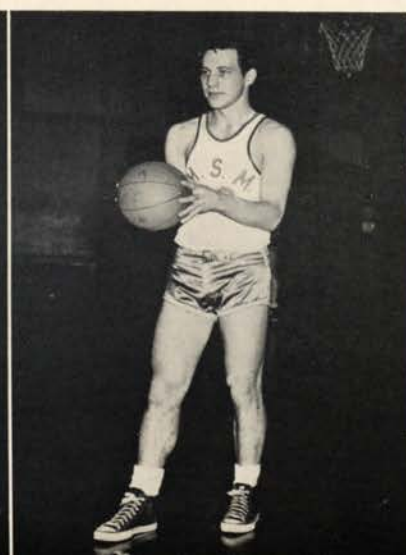
ference. Although the record is not an impressive one, the team as a whole was. Composed almost entirely of freshmen and sophomores and without any outstanding height and little college experience, the team sent on the floor by Coach Algood always managed to give the fans good basketball. Perhaps the outstanding bright point of the past season was the consistent scoring of Max Burgett, who finished high in conference scoring. Despite their many defeats and few victories, the Miners always looked ahead and played to the best of their ability. Not once during the season did they show that they were discouraged of playing or ready to give up. With this spirit to win, the experience gained during the past season, and the return of nearly every player, including Max Burgett and Ray Skubic, who showed outstanding scoring ability, the Miners should enjoy an outstanding season next year.

Lea, Guard

Arnold, Forward

Smith, Guard

Ferrill, Forward





FIRST ROW: Brown, P. Weitzel, O'Brien, Humphrey, Oetting, Eckerle, Myers. SECOND ROW: Coach Bullman, F. Smith, Farmer, Brentz, Cooley, W. Smith, J. Weitzel, Anderson.

Varsity Track

THE M.I.A.A. Indoor Track Meet at Columbia, on March 22, started the cinders flying for the Miners. Paced by Jack Humphrey's 11 points, which was high for the meet, the trackmen from M.S.M. captured a third spot. This was indicative of the mediocre season of 1952.

The first dual meet was held March 29. Harris Teachers College proved to be an easy victim, the first of three dual meets, to fall beneath the fast-flying shoes of the Miners. Fred Smith led the attack with a first in the 100 and 220-yard dashes, a habit which he continued until the final meet at Maryville.

The speed merchants next traveled to West-

minster for another dual meet on April 8. It proved a day of gloom for the Miners who came out on the short end of a $95\frac{1}{2}$ to $35\frac{1}{2}$ score.

The third dual meet, on April 12, was at Springfield where the Miners began their losing ways by falling victim to the Bears, $90\frac{2}{3}$ to $43\frac{1}{2}$. Fred Smith again led the Miners, winning top honors in both the 100 and 220-yard dashes.

On April 19, Southern Illinois University came to meet the Miners on our own ground. The Miners showed their hospitality by conceding to the team from Illinois by a 80 to 49 score.

Varsity Track

The 26th of April saw Washington become the third consecutive team to whip the Silver and Gold. Once again the opposition came here only to bring along defeat.

Finally breaking away from a losing cloud that had followed them for three dual meets, the fired-up Miners of Gale Bullman sped away to an undaunted victory over Drury College. This time the thin-clads piled up 93 1/3 points against the opposition's 42 1/2.

Hitting the road once more for their last meet, the Miners traveled to Maryville and the

M.I.A.A. Outdoor conference meet. This time the Miners appeared to be a bit outclassed as even Fred Smith lost both of his specialties, gaining a second in the 100 and 220-yard dashes. Not to be outdone, however, Fred set a new record in the trials by stepping away the 100-yard dash in 9.9 seconds.

The year's standout as far as track was concerned easily rested with Fred Smith. Besides setting a record at Maryville, he raced to a new M.S.M. record by scoring 83 1/4 points. This broke the old record of Rieddel which was set in 1947.



... and over.
Let 'er fly.

Go, Walt!
Chuck throws javelin.

Coming down.
That's jumping, Gene.

Ugh!
Sprint champ.

Varsity Swimming Team



1st Row: Burnham, Ma-
bie, Bloess, Rucker. 2nd
Row: Padan, Egan, John-
son, Zacher, Bullman.
A new twist.
Get set!
Real pretty.

Nice race.
The way to win.
Coming down.
Ready!

MISSOURI MINES 1952-53 edition of the swimming team proved only mediocre due to sickness and other minor contributions. Juergen Bloess paced the tankmen in total points during the shortened season; while a freshman, John Burnham, trailed not far behind. Burnham was top individual scorer in the intramural competition before donning varsity togs.

The Miners season began with a tough Washington U. team here at M.S.M. The Bears proved very capable watermen as they swam away with the victory, 50 to 33. The only bright spot of the occasion was the fine work turned in by the relay team of Rucker, Beverage, Burnham and Bloess. The new record time of 3:53.9 in the 400-yard free style bettered the old mark set in 1949 by two seconds.

At St. Louis U. the Miners again were set back, this time by a decisive 64 to 20 score. The Bills were not to be beaten as they surged ahead to stay.

The third meet added another loss to the Miner string at Galesburg, Illinois, the home of Knox College. On January 30, however, at Bloomington, Illinois the tankmen displayed their aquatic talents in their first win, a 56 to 28 romp of Illinois Normal.

Remaining in their winning ways, the Silver and Gold made it two in a row as the season ended with a win over Bradley's Braves at Peoria, 56 to 27.

Much of the swimming talent was provided by underclassmen who will return next year along with Coach Burr Van Nosstrand. Burr replaced Chet Barnard, who died last October 16, and capably guided the Miners for the remainder of the season.

The returning lettermen for the 1954 season will be Padan, Johnson, and Burnham.

Varsity Rifle Team

THE varsity rifle team had one of its best seasons. With Walter Irvin leading the squad with a 282 average the team won six out of seven. John Schemel, Scott Johnson and Jerry Custead along with Richard Holland made up the traveling team. This team finished third in the National Intercollegiate Sectional at Oklahoma A. & M. A. & M. won the match with M.S.M. just five points behind. Behind M.S.M. was Nebraska University, University of Oklahoma and St. Benedict's College. Walter Irvin took third place in the individual match with a 281.

Three school records were broken during the season. John Schemel fired a 99 kneeling, a 97 standing and a 389x400 match total to set the new records.

The team also attended the Invitational Match at the University of Illinois. Here the team placed in the upper third of the 38 teams competing.

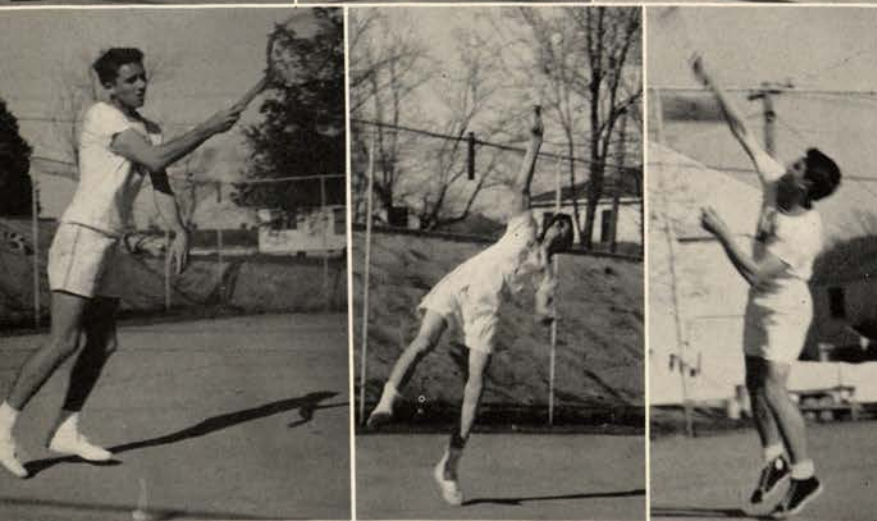
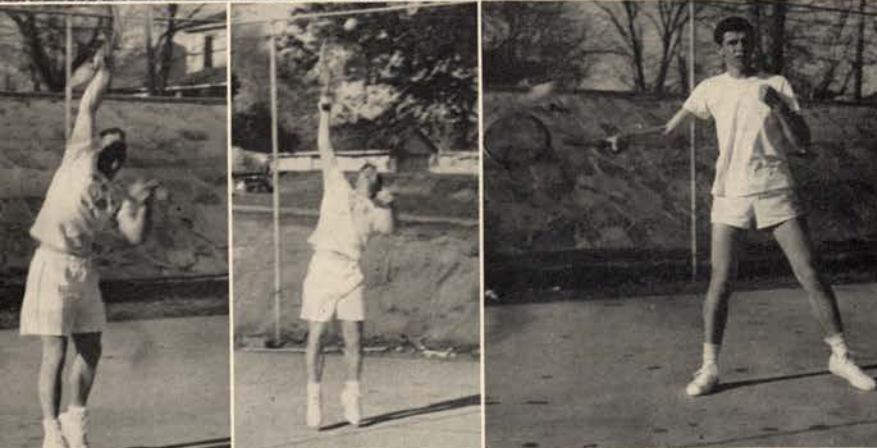
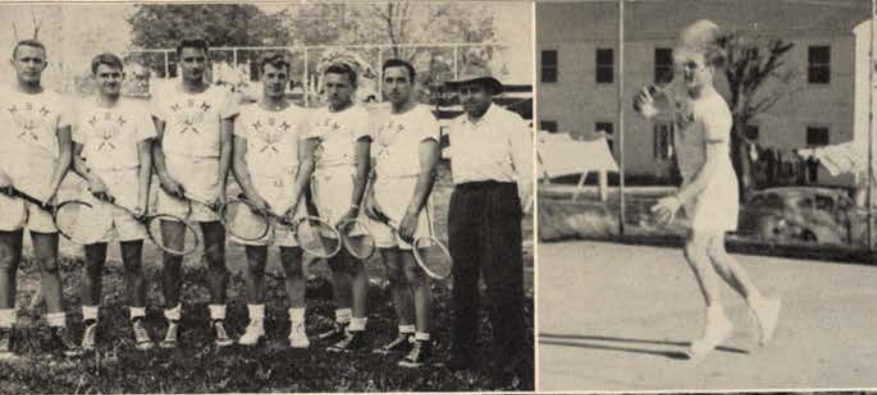
The team received the sad news that last year's coach, Robert Dunn, had been killed in Korea. Sgt. Dunn did much to build up the strength of the team. This year's coach was M/Sgt. James E. Roeth of the Military Department.

The rifle team fires the NRA Gallery Course of 10 shots in prone, kneeling and standing, and the Army Gallery Course of 10 shots in prone, sitting, kneeling and standing. The range of fire is fifty feet. Rifles are chambered for .22 caliber rimfire. The team is organized as an NRA Rifle Club so that the team members have the benefits of that organization. The rifle range is located in the basement of the Military Building.



1st Row: Campen, Schemel, Williamson, Holland, Irvin, Holiday, Gockel
2nd Row: Maj. Bosky, Bunny, Borgard, Johnson, Paladin, Dorris, Sgt. Roeth
Swell shooting.
On target!

Varsity Tennis Team



Abernathy, Miles, Stoddard, Gray, Boleski, Rice, Coach Morgan.

Slam it!
Watch now.
Smooth.

Ugh.
Beautiful.
Easy does it.

Good shot, Joe

Nice forehand.

Slug it!

Way up there.

BEGINNING the season on the right foot, the Miners racked up two consecutive wins. Both Harris Teachers College and Westminster fell victim to the netmen from M.S.M. by scores of 9 to 0 and 5 to 2.

The winning streak, however, was interrupted when a scheduled match with Springfield was canceled because of Easter vacation. The winning streak was then halted completely by a strong crew from Southern Illinois University who tripped the Miners by a score of 3 to 4. Three days later the netmen went down to another defeat, this time at the hands of St. Louis U. and by the identical score of their first loss, 3 to 4.

With high hopes of capturing a victory the Silver and Gold traveled to St. Louis and a match with Concordia Seminary. Again they met defeat and returned home to lick their wounds from a 5 to 2 setback.

The last match of the season went to Drury as the Miners fought a game battle but still met defeat, this time 4 to 2.

In the Maryville Outdoor M.I.A.A. conference tournament the netmen tied for the third spot and ended the racquet-swishing season.

The 1954 edition of Miner netmen will feel greatly the loss of Gene Rice who along with John Miles did yeomen work on the courts. However, the return of Miles, Gray, and Boleski, all of whom are lettermen, provides a bright outlook for the future.

Varsity Golf Team

FOR the second successive year, the golf team from M.S.M. dominated its foes in dual meets. Once again leading the Miner team was Kenny Lanning. The only break in a wonderful streak of wins was the M.I.A.A. Tournament at Maryville and a dual meet with St. Louis U. here. Although the Miners had beaten each of the teams that participated in the tournament in previous dual meets, they finished in the third spot.

Dual meets proved just the meat for the Silver and Gold appetites as they opened the season by soundly trouncing a visiting Harris Teachers team by a decisive 21 to 0 score. Lanning was medalist for the day.

The next victim on April 5 was Westminster, who also went the way of the vanquished when they were handed an 18 to 0 setback.

Springfield was the sight of the third dual meet, and the Bears gave us the most trouble up to that time. Ready, however, for the occasion M.S.M. captured the match, 11½ to 6½, a comfortable margin.

On April 16 the Miners scored the lowest total in medal score for either a four-man or a five-man team that has ever been made at M.S.M. The victim by a 10-point margin was Southern Illinois University.

Principia, St. Louis U. and Drury rounded out the Miner season with only a tough Billiken squad coming out ahead of the Miners.



Mosley, Ferber, Lanning, Huffman,
McCullough, Carroll, Coach Steinmeyer.
Before a meet. Chip it.
Par buster. Steady.

Easy, Ed.
Get set.
Smile, Shay.
Different angle.

Intramural

Intramural Champs

Boasting an enviable accumulation of intramural points, Theta Kappa Phi emerged for the third successive year as Intramural Champions. With a determination to match their spirit and hustle, they piled up decisive firsts in softball, handball, football, tennis, track, volleyball and wrestling and bettered their own previous year's total of points.

Intramural Athlete

The award for the most Outstanding Intramural Athlete of 1952 went to Joe Gray of Sigma Nu Fraternity. Joe was what might well be termed the "spark-plug" of his fraternity's athletic quests. His hustle and spirit were a major part of the football, volleyball, basketball, boxing, softball, swimming, track and tennis teams of the fraternity. Second place in the intramural race was a fitting reward for Joe's efforts.

Intramural Softball

The come from behind spirit of Theta Kappa Phi once more proved too much for the contenders for the softball championship and they handily defended their right to the title. TKP again needed two successive wins against an undefeated team, this time Tekes, to capture the coveted crown. This meant the third consecutive year for Theta Kap.

Intramural Track

Led by a terrific senior class, the cindermen from Theta Kappa Phi nosed out the squad from Sigma Nu to capture for the second time in as many years the intramural track trophy. A large number of firsts clinched the title for TKP while one of those victories was an intramural record. John Bruskotter high-jumped to a new mark of 5 feet 8 $\frac{3}{8}$ inches.



Good hit, George.
Way up, "Schafe."
Swell shot.
Jumping out.

Didn't miss often.
The champs.
Return it!
Go, man, go!

Theta Kappa Phi champs.
Over easy.
Muscles man Jake.
Good cut, Fred.
Kick off!

Sports

Intramural Tennis

Theta Kappa Phi repeated their performance of the past two years by copping for the third time the intramural tennis crown. Tech Club finished as runner-up.

A second in the doubles along with a third in the singles gave TKP a stout assurance of victory. Gene Huffman gained individual victory for Sig Eps by capturing the singles crown while Bud Johnson and Bob O'Rourke combined to win the doubles for the Engineers Club.

Intramural Horseshoes

Dick Bosse and Ed Calcaterra combined to give Theta Kappa Phi both a doubles victory and the team championship in horseshoes. Sigma Phi Epsilon captured runner-up position without a winner in doubles or singles. The latter title was adequately accounted for by Don Baganoff, who represented Triangle.

Intramural Golf

Nature took a hand in the intramural golf tournament, and because of rain the event was halted after nine holes. The team from Kappa Sigma stroked its way to top honors in this year's shortened event but not without a battle from Triangle and the Engineers Club, who finished second and third, respectively. A hotly contested battle for low medalist ended in a tie when Algermissen of Theta Kappa Phi and Crutcher of Kappa Sigma matched scores of 7 for the day.

Intramural Football

Once again a battle down to the wire, a fighting Pi Kappa Alpha team came from behind to defeat Lambda Chi twice and cop the coveted intramural grid championship. Lambda Chi had gone undefeated before bowing in the finals to take second place. Third place went to Theta Kappa Phi with Kappa Sigma fourth.



Pi K A football champs.
Splash!
Swell shot.
Flip it!
Got 'em "cold."

Cross Country run.
Sigma Nu champs.
And they're off!
Nice pass?
Get that flag!

Intramural

Intramural Cross Country

This year's Cross Country run between halves of the homecoming game saw Dave Edmunds of the Tech Club sprint home with top honors. Jerry Zacher and Reiner Haubold placed second and third, respectively, to garner top team honors for Sigma Nu. The two entries from Kappa Sigma, Myers and Grunz, finished strong enough to gain second place in the mile and a quarter jaunt. The individual victory also carried with it a new record, 5:41.5.

Intramural Handball

Tau Kappa Epsilon with a third in the doubles and a fourth in the singles became the new champs in handball this past year. Second place went to Sigma Nu. It was their doubles team that battled down to the wire only to lose to the team from the Tech Club—Miles and Freebersyser. Nick Schurick successfully defended his singles title for Lambda Chi.

Intramural Table Tennis

Beta Sigma Psi walked off practically without any sign of battle in this year's table tennis tournament. Jack Weber gained the championship in the singles for Beta Sig while his fraternity brothers were carrying a doubles championship. Paul Egan and Nick Weiss were the men responsible.

Intramural Basketball

A fine display of teamwork, hustle, and ability were combined by the Tech Club to gain the basketball championship this past year. The final defeat of Kappa Sigma, last year's champions, saw the "TCers" close the season with only one loss. Kappa Sigma emerged as the second place recipient while the Dorm and Sigma Nu gained third and fourth places.



Tech Club champs.

Grab it!

Good shot, "Hamp."

Block that shot.

Catch that sphere.

What, no elbows?

Ouch!

Sports

Intramural Swimming

Another crack Sigma Nu swimming team swam practically unhampered to their fourth consecutive swimming trophy as they easily bettered their nearest competitor, Kappa Sigma, who gained second place honors. Individual honors went to John Burnham of the Dormitory with three firsts. His time of 1:14.8 in the 120-yard free style established a new intramural record.

Intramural Boxing

Theta Xi, runner-up last year, humbled all opponents by punching their way to the top and 1953's boxing championship. Sigma Nu turned out as runner-up to make it two consecutive years for these same two finalists. This year again saw a blistering battle. Third and fourth place went to Pi Kappa Alpha and Theta Kappa Phi, respectively.

Intramural Wrestling

The wrestling championship left Theta Kappa Phi for the first time in four years. Sigma Nu went all out, placing four men in the finals. Only one emerged victorious, but that was more than enough as they bettered their nearest competitor, Pi Kappa Alpha, by an eight-point margin. Theta Kappa Phi managed the third place slot while fourth place honors went to Beta Sigma Psi.

Intramural Volleyball

This year's volleyball finals saw Theta Kappa Phi again present; but after the smoke had cleared Pi Kappa Alpha emerged with the championship. It was a come-from-behind victory as the Pikers' only loss was at the hands of TKP earlier in the tournament. From there on they defeated Lambda Chi who finished third, Kappa Sigma who wound up fourth and TKP twice to win the cup.



Jab him, Jim.

Oops!

Two champs mix it.

The winner.

Boxing champs.

Wrestling champs.

Bring 'em down, Gene.

The Chiefs.

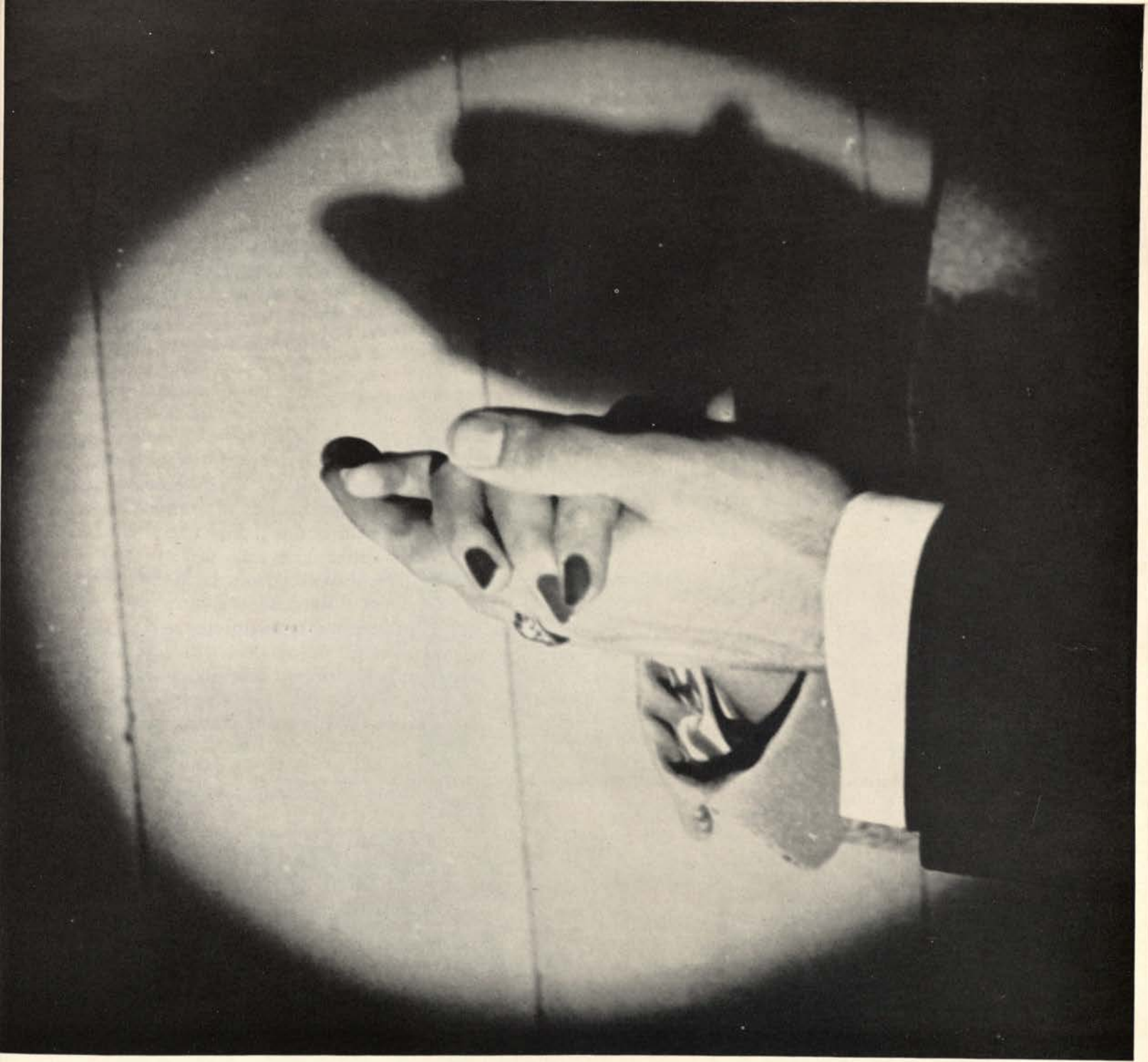
Three-time champ on top.

"There is more to life than increasing its speed". . . Gandhi.

ONCE again the school-sponsored activities centered about the celebrations at Homecoming and St. Pat's. These, plus the many and varied events sponsored by the social fraternities on the campus, furnished the student with the ever-essential social aspect of his engineering education.

Social





Beta Sigma Psi Fraternity



Fall	OFFICERS	Spring
Paul Egan.....	President.....	Lester Brockmann
Lester Brockmann.....	1st Vice-President.....	Paul Egan
Gene Haertling.....	2nd Vice-President.....	Donald Piehler
Alfred Moeller.....	Secretary.....	Harold Zoellick
Harold Zoellick.....	Corresponding Secretary.....	Alfred Moeller
Donald Piehler.....	Treasurer.....	Gene Haertling
George Stourton.....	Commissary.....	George Stourton
Jack Weber.....	Athletic Manager.....	Donald Haber
Faculty Advisor.....		C. J. Grimm



BETA SIGMA PSI was organized at Champaign, Illinois, in 1920. Upon learning of the presence of similar organizations at Purdue University and the University of Michigan, it was deemed advisable to form a National Fraternity. The National Fraternity was established at the University of Illinois on April 17, 1925 to promote a fraternal society for Lutheran students at universities and colleges. The National Constitution was adopted at that time.

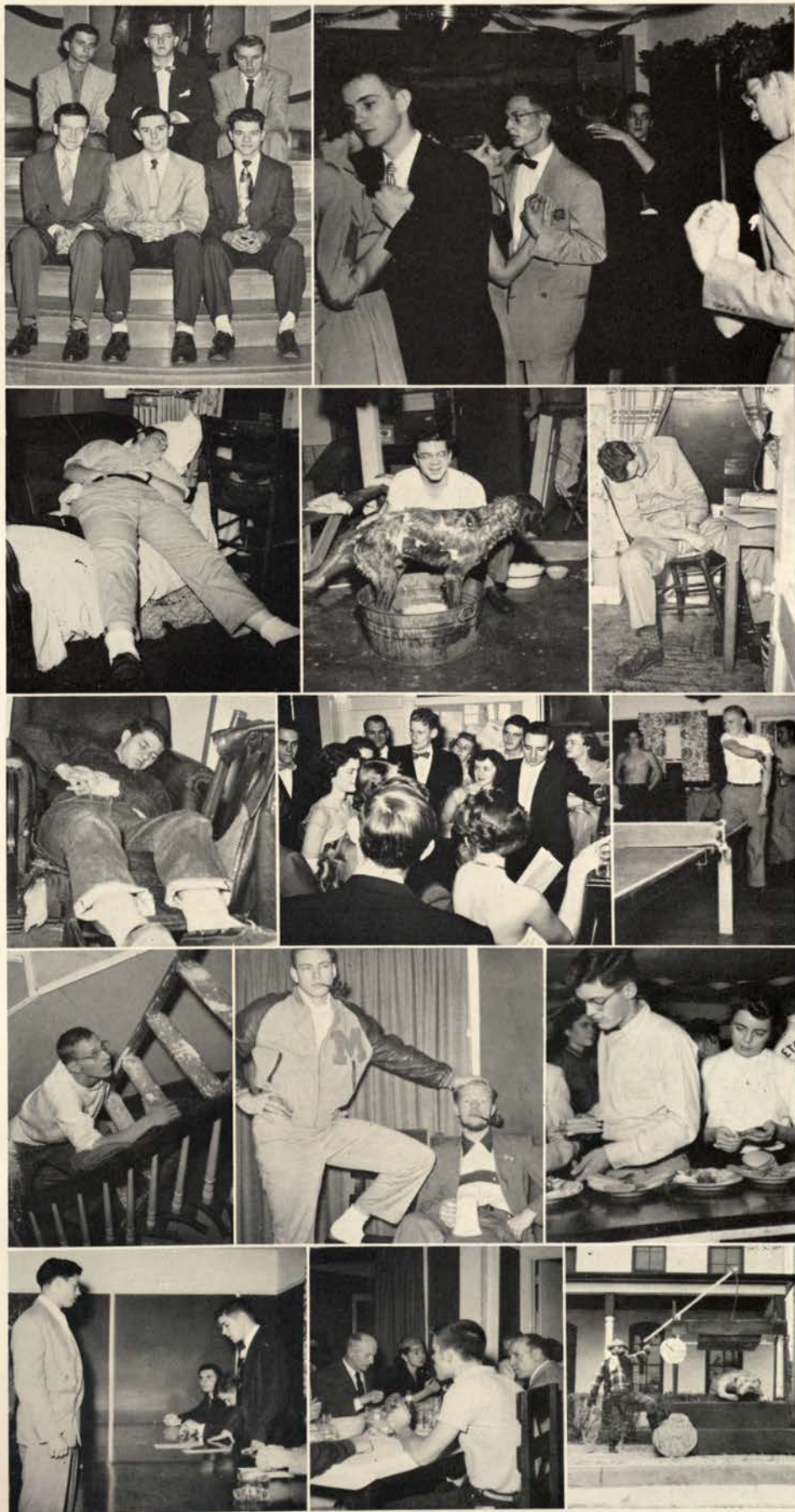
The members of Alpha Phi Chapter of Gam-

FIRST ROW: Weber, Moeller, Egan, Brockmann, Haertling, Piehler. SECOND ROW: Stourton, Dannenbrink, Achterberg, Peters, Stearns, Keel. THIRD ROW: Stelloh, Weiler, Abendroth, Haber, Zoellick, Sundermeier. FOURTH ROW: Weiss, Englund, Sommerer, Hoffstetter, Wolf, Schildmyer, Schaffner.



Eta Chapter was installed on April 17, 1952, and as such is the youngest fraternity on the campus. Beta Sigma Psi strives to foster spiritual welfare and inspire good fellowship, while offering wholesome surroundings, and setting a sterling code of morals. It encourages good scholarship and provides the right type of social life for its members.

*The officers.
Smooth and Easy.
"Abe" relaxing.
Nice job.
Exhausted?
Joined the club.
Pledge Dance.
Slam it!
Having fun?
Careful there.
Chow line.
Telling him why.
Parent's Day.
Homecoming decorations.*



*The leaders.
Championship.*



*First-place decorations.
Homecoming celebrants.*



*Our boy, George.
Honored grads.*



Fall	OFFICERS	Spring
James Knearem.....	President.....	James Knearem
Eugene Getson.....	Vice-President.....	Eugene Getson
Richard Holland.....	Recording Secretary.....	Richard Holland
Alfred Scherner.....	Treasurer.....	Alfred Scherner
Faculty Advisor.....		Carl Moulder

THIS year, Kappa Alpha celebrated its semi-centennial on the Missouri School of Mines campus. Homecoming was picked as the date for the celebration and many alumni from over the years attended the weekend party. The presence of one of the charter members of this chapter was the highlight of

Kappa Alpha Fraternity



the event, which was climaxed by winning the Homecoming Decorations Contest sponsored by the I.F.C. The chief improvement in the House decoration and furnishing was the renovation of the basement, a project which long needed the attention of the Chapter. Soon after the between semesters holiday ended, the traditional banquet in honor of Robert E. Lee, the spiritual founder of Kappa Alpha, which is noted as a southern fraternity, was served. The spirit of the Old South, from which the ideals of Kappa Alpha are derived, was further boosted when plans for an Old South Costume Ball were made. This dance included all the Kappa Alpha chapters in Missouri. Other events included the Pledge Dance, promoted by the pledges, the Christmas Dance and, of course, the annual St. Pat's celebration.



FIRST ROW: Hall, Watson, Holland, Knearem, Getson, Nothstine, Dill, Hoppler. SECOND ROW: Barnard, Sapp, Clodfelter, Black, Casteel, Senter, Scherner, Schaefer, Johnson. THIRD ROW: Urban, Sabus, Averill, Rose, Carpenter, Tierney, Anderson, Harrison, Govatos. FOURTH ROW: Bergstrom, Rabe, Moser, McGough, McDonald, Edmonds, Atteberg, Ware, Meyer, Atkins.





Kappa Sigma Fraternity



Fall

OFFICERS

Spring

Bob Jones	Grand Master.....	George Dowdy
Tom McBrayer.....	Grand Procurator.....	Kurt Plache
Kurt Plache.....	Grand Scribe.....	Tom Crutcher
Karl Miller.....	Grand Treasurer.....	Jim Elswick
Faculty Advisor.....	Coach Gale Bullman	

KAPPA SIGMA was founded at the University of Virginia in 1869. Since then it has risen to one of the leading social fraternities in the United States with 125 chapters. The Beta Chi Chapter was installed on the M.S.M. campus in November 1903, and has since that time taken a leading part in all campus activities. The top competitive activity is the intramural sports program which found Kappa Sigma in third place last year. This year the "White House" is again one of the top contenders for the all-sports trophy. In I.F.C. com-

FIRST ROW: Rudolph, Miller, Plache, Elswick, R. Jones, McBrayer, C. Anderson, Mallow, Crutcher, Flack. SECOND ROW: Grunz, Myers, Sontag, Gordon, Ellis, Dowdy, Schlesing, Christian, Thompson, Arter, Pickering, Calhoon. THIRD ROW: Brentz, Hirsch, Gartland, Catron, Kummer, Calhoun, R. Stewart, Schaefer, Glaser, W. Stewart, Hart, Ruppert, Lenz, Selvaggi. FOURTH ROW: Borzillo, R. Jones, Brown, Boettger, Chapman, Hoffmann, Mabie, Kruger, Huffman, Andersen, Schlosser, Beirne.



petition, Kappa Sigma won first place in the bridge tournament and took second place in the I.F.C. sing this fall.

Many social functions highlight the fraternity life throughout the school year. The Pledge Dance and Christmas Formal proved to be highly successful, along with the homecoming festivities. With the coming of spring, usual high expectations are being given to the coming of St. Pat's. This year, more than ever, strong interest is being put on the year's biggest event.

Kappa Sigma puts keen emphasis on scholastic achievement. Each man discovers this fact when he becomes associated with the fraternity. Rushing is an important factor in keeping a fraternity in top place and Kappa Sigma shows great interest in all its rushing activities. This can be attested by the fine pledge class of the past year. Remembering these ideas, Kappa Sigs view the past and look proudly forward to the future with extreme personal satisfaction of setting and attaining new goals.



The officers.
Homecoming decorations.
Smooth.
Chuck and friend.
Oh, well.
St. Pat's Tea.
How nice!
Cool!
Sorry.
2nd place winner.
V.I.P.s.
Wow!

The leaders.

Homecoming decorations.



Cool cats.

Kill those snakes.



I pass.

Social lions.



It was funny.

Bull session.



Fall	OFFICERS	Spring
Benny Stevenson.....	President.....	Dale Emling
Howard Roberson.....	Vice-President.....	Pete VanDusen
Maurice Topel.....	Secretary.....	Searles Anderson
Dale Emling.....	Treasurer.....	Kent Smay
Faculty Advisor.....		William Higgs

LAMBDA CHI ALPHA is a social fraternity which was founded at Boston University on November 2, 1909. The fraternity was first known as the Muckers Club, which was founded in 1914. Three years after the founding of the club, Alpha Delta Zeta Chapter of Lambda Chi Alpha was chartered. For many years the fraternity was housed at 800 Olive Street, but recently moved to 606 Walnut Street in anticipation of construction of the proposed house.

Lambda Chi Alpha Fraternity



It is probable that the house would have been completed had not the high cost of materials and the uncertainty of the location of Highway 66 delayed progress. However, it is hoped that in the near future that these difficulties can be surmounted and construction begun.

The social season for Lambda Chi Alpha proceeded throughout the year with its usual success. Homecoming, initiating the series of events, provided a good time for both the members and the many graduates who returned. Three dances; the Harvest Dance, the Sweetheart Dance, and the Senior Farewell Dance, along with a gala St. Pat's celebration provided many good times for the members and their dates. St. Pat's this year was especially fine as Lambda Chi had the honor of building the beautiful Queen's Float.



FIRST ROW: Crosby, VanDusen, Cauthorn, Roberson, Stephenson, Higgs, Topel, Emling. SECOND ROW: Hallidy, Schurick, Ballantyne, Janasky, Ogle, Stevens, Pillisch. THIRD ROW: Anderson, Campbell, Smith, Hooks, Hull, Thompson, Smay, Hazelwood. FOURTH ROW: Kastler, Straumanis, Blevins, Woodall, Germer, Gratz, Woodruff.



Pi Kappa Alpha Fraternity



Fall

OFFICERS

Spring

Jack Wheeler	President.....	Ralph Hollocher
Sid Cole.....	Vice-President.....	Al Burgess
Jim Franklin.....	Secretary.....	Campbell Barnes
Ralph Hollocher.....	Treasurer.....	Charlie Poe
Bert Smith	House Manager.....	Ray Pfaff
Faculty Advisor.....	Dr. D. S. Eppelsheimer	

THE Pi Kappa Alpha Fraternity was founded on March 1, 1868 at the University of Virginia. This year Alpha Kappa Chapter will celebrate its 48th year on the Missouri School of Mines campus, having received its charter in 1905. Through the years the fraternity has been at the top on the campus and this past year has been no exception. Although the chapter lost the scholarship trophy for the first time in four semesters, the scholastic average is still high and the Pikers expect to regain their former standing soon. In intramural sports,

FIRST ROW: Schulte, Robbins, O'Brien, Cole, Wheeler, Hollocher, Smith, D. Wahl, Poe, Winchester. SECOND ROW: Burgess, Johanninger, Egan, Franklin, J. Gerard, McMorris, Barnds, Schejbal, Splitter, Lietz, Tellefsen, Eason, Mann, Berg. THIRD ROW: Schneider, Skaggs, Howard, Wall, Shepard, Mueller, Holmbeck, Clark, Escott, Minnis, Penzel, P. Gerard, Ordemann, Morris, Sitzwohl. FOURTH ROW: Smid, Keibel, Hoffman, Koelling, Gollhofer, Muscovalley, Walsh, Grueninger, Weakly, Pickering, Pfaff, Powell, Soma, Murphy, Krispin, Mathis.

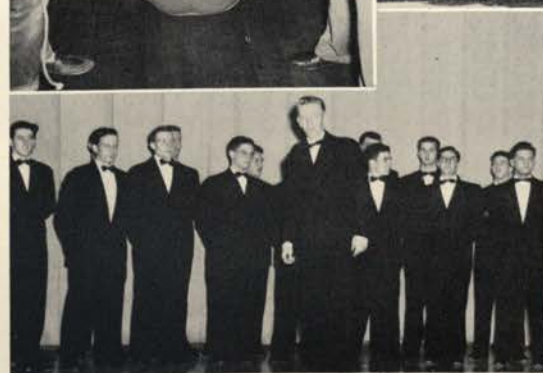


the chapter did quite well and is expected to do better with the aid of the new initiates.

This year, the chapter house, recognized as one of the most beautiful in Rolla, received its share of attention. The exterior was painted, the basement study room was refinished, and various other parts of the house were painted and repaired.

The 1952-53 social season started with the Pledge Dance held early in October. Shortly following this came one of the best attended homecomings in M.S.M. history. The fraternity entertained alumni with a well planned open house and banquet.

The next social event was the Winter Formal which is always held before the Christmas holidays. Starting the new semester, the first Prohibition Ball was held in February. Founders Day was held on March 1 this year with many alumni returning for the ceremonies. To wind up the social life for the year, the Spring Dance was held early in May, shortly after the gala St. Pat's celebration which was very successful this year. The parents were not forgotten with two banquets being held for them—one on Parent's Day, another on Mother's Day.



*Top dogs.
Live it up, Joe.
Homecoming.
Before.
Pardon us.
Easy now.
After
Clean-up Day.
Sing it sweet.
Prohibition Ball.*

*Officers.
First place winners.*



*The champs.
Banquet-Time.*



*Lover.
Sitting this one out.*



*Anniversary.
Good old days.
Bathing beauties.*



*Go, Joe!
Christmas party.
Keep it up.*



Fall	OFFICERS	Spring
Alpine Kent	Commander.....	Richard Cruse
Michael Baloga.....	Lt. Commander.....	Charles Gockel
Tom Fuller.....	Treasurer.....	Tom Fuller
Charles Eckerle	Recorder.....	James Millar
Faculty Advisor.....		Prof. Sam Lloyd

RECEIVING its charter on January 3, 1903, Gamma Xi Chapter of Sigma Nu celebrated its 50th year as the oldest social fraternity on the campus. Starting with eight charter members, it has grown into one of the largest and most financially sound organizations on the campus.

Sigma Nu Fraternity

The men of Sigma Nu gathered many honors for the past year. Among them were first place in the I.F.C. Sing and the Homecoming Decorations Contest. In intramural athletic competition, additional laurels were obtained through hard training and teamwork. In every athletic event, Sigma Nu teams have contributed to the keenness of rivalry and high competitive spirit in these games.

Although we participate actively in athletics, we maintain an average scholastic standing. Considering pledge training, we vigorously enforce study habits that aid in enlarging scholastic capacity and in developing the proper intellectual attitude.

The social life was as full as a Miner's can be. The gayer activities of the year began with the Fall Pledge Dance, followed by the big golden anniversary celebrations at Homecoming. The Christmas party with the annual Yukon party, the St. Pat's parties, including the Tea Dance featuring the John Cotter Trio, and the Spring Formal rounded out the merry-making.



FIRST ROW: Zacher, Ellis, Kemp, Fuller, Kent, Gray, Oberschelp, Robbins, Veinhage, Cole. SECOND ROW: Stockton, Kelly, Toutz, Lincoln, Farris, Gockel, Broaddus, Marlow, Gilliam, Webb, Cummings. THIRD ROW: Tiernon, Holman, Heisserer, McClay, Damerval, Stolte, Millar, Nicholls, Scott, Eckerle, Dowell, Haliday, Sparling. FOURTH ROW: Gregoire, Baloga, Barco, Vark, Corneli, Haubold, Nichols, Rucker, Harting, Fitzwater, Smith, Hall, Cruse.



Sigma Phi Epsilon Fraternity



Fall

OFFICERS

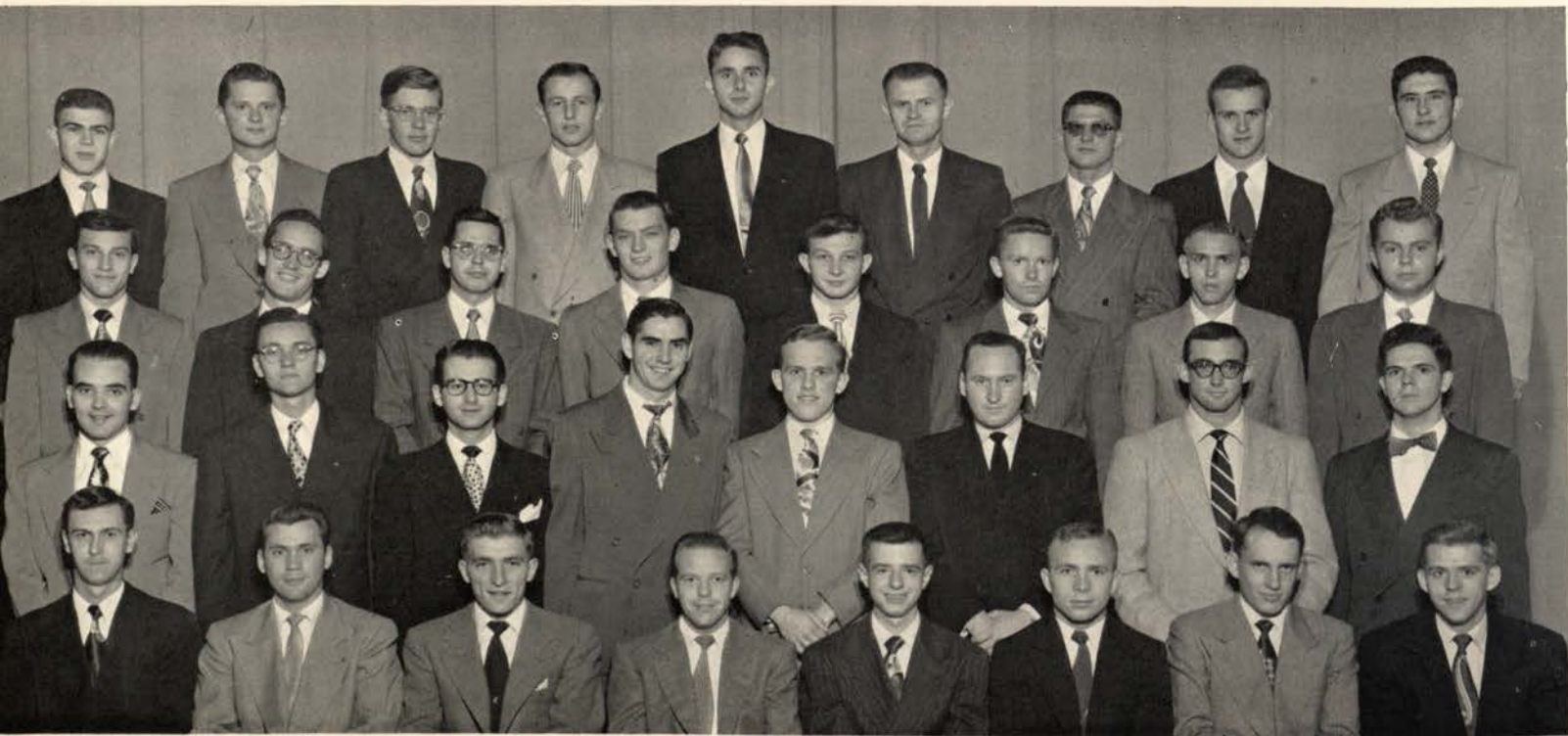
Spring

Bernard Howe.....	President.....	Donald Bogue
Richard Hampel.....	Vice-President.....	Richard Hampel
Harry Lischer.....	Controller.....	Harry Lischer
Tony Bruskas.....	Secretary.....	Bill Roerman
Faculty Advisor.....		Ralph Schowalter

TO WRITE of intangibles is to try to put into words the feeling of the heart. No Sig Ep at M.S.M. can really tell someone why he feels that his is the best of fraternities. Of course, it is easy to point to the outstanding events that this chapter has done, or taken part in, such as intramural sports, the Sweetheart Dance, Homecoming, and others; but that is not the full story.

Sigma Phi Epsilon first appeared on the M.S.M. campus in 1947. At that time a group, called the Pegis Club, banded together to form

FIRST ROW: Lischer, Argo, Hampel, Howe, Custer, Bruskas, Bogue, Heeger. SECOND ROW: McCormick, Beghtol, Trytko, Stewart, Soellner, Hansen, Roerman, Lang. THIRD ROW: Marscel, Neal, Feldmiller, Held, Wilson, Staples, Augustson, Dye. FOURTH ROW: Cullen, Bogush, Fink, Andre, Stoddard, Justice, Alexander, Mason, Bub.



a brotherhood. How better could they serve their purpose than to become part of the vast, yet closely knitted together organizations of Sigma Phi Epsilon.

Since that time, Missouri Gamma Chapter has come a long way. It has, to date, initiated 126 men, all of whom have been a credit to the fraternity. It has permanent possession of an Interfraternity scholarship cup, an honor shared with only one other fraternity on the campus. It has been twice awarded the scholarship cup of the Grand Chapter for achievement in this field. It has won two summer intramural sports championships and has had one of its members elected to the coveted "Fraternity Man of the Year" award.

The fraternity teaches many things to man. It teaches him habits of good study, for it is the main purpose of college. It teaches him to speak before his brothers, knowing that they are eager to listen to him. It teaches him tolerance for other's ideas, creeds, and opinions. He develops a sense of belonging—belonging to one of the greatest brotherhoods of man that ever existed. All this and much more the fraternity gives to the man.

*Wheels.
Homecoming.*

*Sweetheart Dance.
Campus elite.*

*Sig Ep Sweetheart.
Take a break.*

*Smile, Gene.
Look, George!*

*Listen to this . . .
"Hamp" and friend.*

*Lovers.
Live it up.*



*Chief wheels.
Behind bars.*



*Gay Nineties Party.
Nice!*



*Tired maybe?
Big man Lee.*



*What a cat!
What is it?
Sitting one out!*



Fall	OFFICERS	Spring
Lee Beverage.....	Sage.....	Richard Reeg
Bob Anderson.....	1st Controller.....	Lawrence Kickham
Norman Rosekrans.....	2nd Controller.....	Bob Hopler
Glenn Borgard	3rd Controller.....	Glenn Borgard
Faculty Advisor.....		Dr. Herold

THE Sigma Pi National Fraternity was founded February 26, 1897, at Vincennes University. The objects of the fraternity are to promote scholarship, develop the character of its members, and to diffuse culture. It

Sigma Pi Fraternity

aims to encourage better citizenship, prepare its members to cope with problems of life, and imbue them with an appreciation of life's real values.

The Alpha Iota Chapter of the Sigma Pi Fraternity was established at M.S.M. in May, 1933, evolving from an organization known as the Prospectors Club. The fraternity has been and continues to be, well represented in all of the extracurricular activities on the campus.

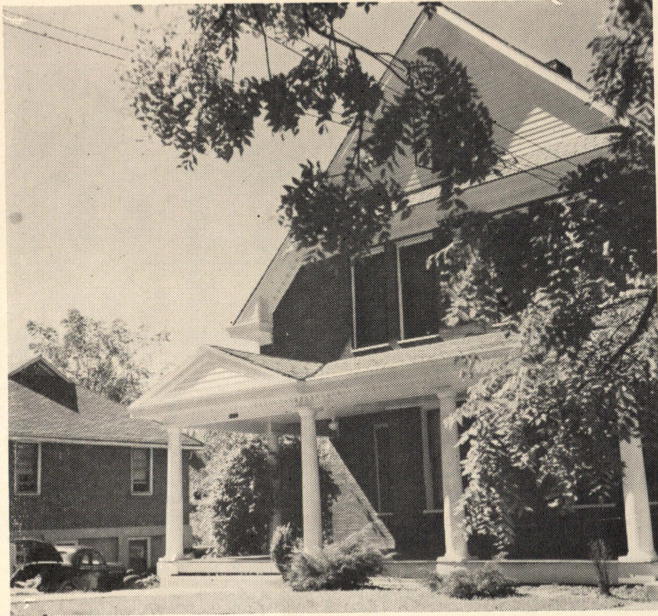
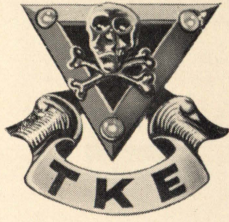
The members look forward to the change of pace from the strain of scholastic life in the form of events that include the Homecoming Drop-in Party, the annual Gay Nineties Dance, the Tri-Sigma "Children's Christmas Party", the Chapter Christmas Party (where the value of the gift is enhanced many times by the poetic thoughts accompanying it), the outstanding St. Pat's celebration, and our traditional Spring Outing. Our observance of Founder's Day this year was an Alumni Dance in St. Louis on February 21.



FIRST ROW: Kickham, Rosekrans, Beverage, Borgard, Amundson, Hopler. SECOND ROW: Mosher, Coffee, Williamson, Reeg, Mueller, Muhleman, Resnick. THIRD ROW: Taylor, Hewett, Ashley, Jenner, Collins, Gotsch, Palmer, Morris.



Tau Kappa Epsilon Fraternity

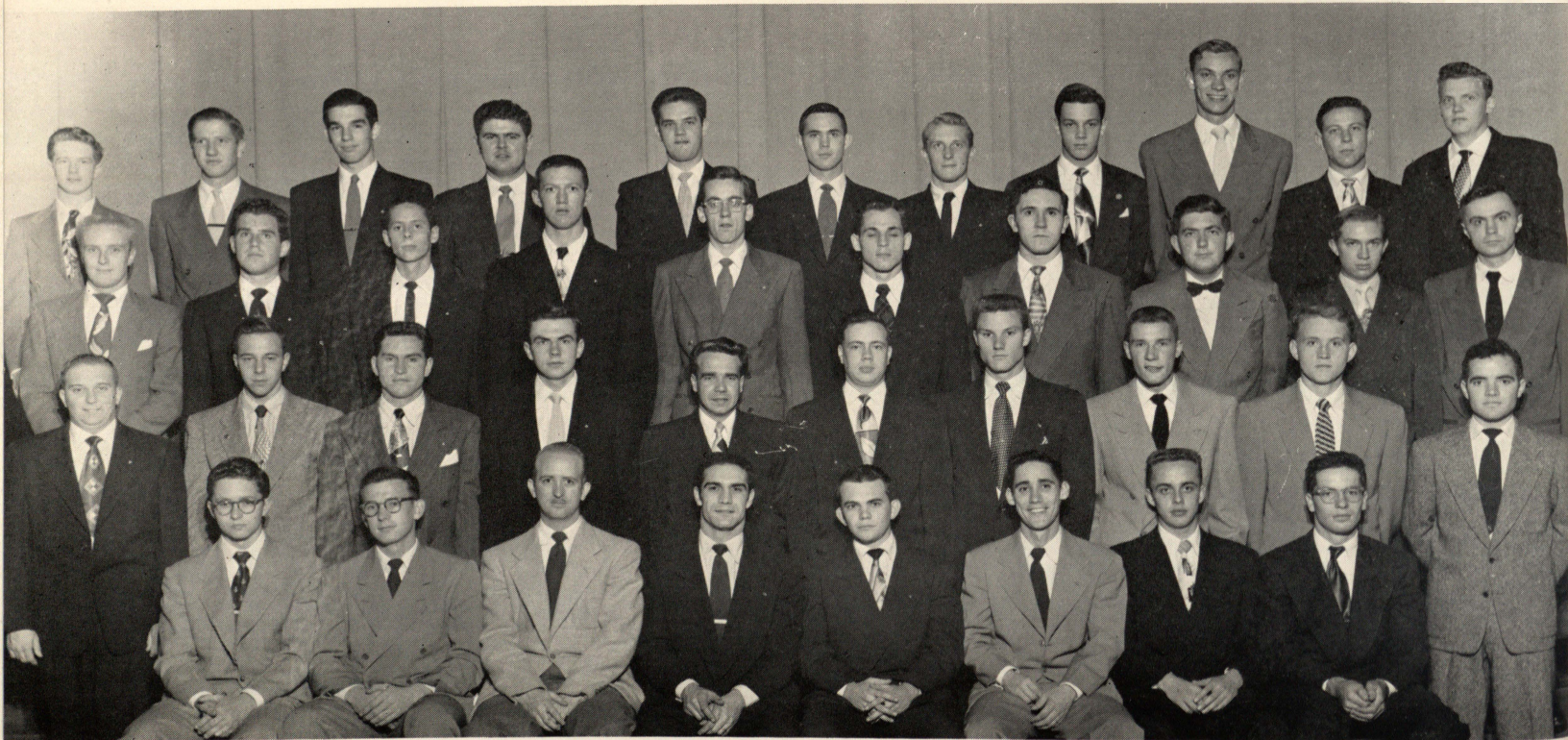


Fall	OFFICERS	Spring
Tom Koederitz.....	President.....	John Padan
Bob Hoffman	Vice-President.....	Jerry Holder
Bob Jenkins.....	Treasurer.....	Bob Hoffman
Tom Sevick	Secretary.....	Don Hayes
Faculty Advisor.....		Dr. Smith

AT 1107 STATE STREET you will find the home of the members of Beta Eta Chapter of Tau Kappa Epsilon. Our fraternity is a young and growing organization, having been founded January 10, 1899 at Illinois Wesleyan University, and now having over a hundred chapters. The Tekes at Missouri School of Mines are no exception, considering the progress we have made on this campus since getting our charter six short years ago.

The life of any fraternity depends upon its members, both old and new. This school year

FIRST ROW: Padan, Hoffman, Townsend, Koederitz, Volker, Jenkins, Sevick, Humphrey. SECOND ROW: Werder, Bieling, Owens, Owen, Roberts, Hays, Riemenschnitter, Orrick, Bayer, Becherer. THIRD ROW: Smith, Butterfield, Bruns, McCoy, Wilkinson, Moeller, Midgley, Cooksey, Godsy, Reschetz. FOURTH ROW: Sloan, Morris, Dorris, Giffin, Astroth, Lester, Cookson, Lamb, Groteke, Niemeyer, Ellis.



has seen many fine men pledged and initiated into "The Fraternity for Life". The willingness of these men to work together while improving their own place in the world has made Teke a leader in all phases of our campus activities. Our intramural teams are always contending for top honors. Our men belong to and hold offices in many of the organizations on this campus.

The annual "Pledge Dance" held in October started the social year. Then a banquet was held for our mothers and fathers on Parent's Day. Homecoming was celebrated in its usual glorious way with several alumni returning for the weekend. Just before the Christmas holidays we had our "Carnation Formal". At this dance, Miss Betty Hunt of St. Louis, Missouri, was crowned Teke Sweetheart of 1953. A Christmas party for several children was presided over by old St. Nick himself. The new year found a new regime present, but the "French Underground" party in February was all any Frenchman could ask for. St. Pat's again found the Tekes paying proper homage to the patron saint. We ended our social calendar with the Spring Outing in May.

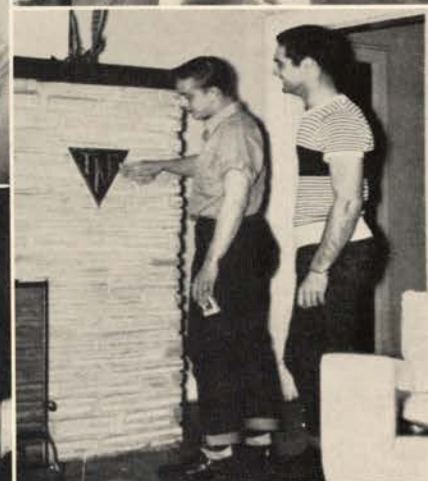
The high command.

Teke Sweetheart.
Miss Betty Hunt.

The dummy.
Plaque shiner.
Just posing.

Hot lips.
A pinned Suzie.

Old Giffome.
Jill of Arlingtrot.
Peewee, the athlete.



*The Elite.
Don't anyone look.*



*Defeat.
Just looking.
Thank God mid
is over.*



*Cool sounds.
What's this?*



*K. of C. Banquet.
Jack and friends.*



*Chief tester.
Top dog, Bolger.
Watch it, Mac!*



OFFICERS

Fall	Spring
Robert P. Schafer.....	Robert P. Schafer.....
Kenneth E. Ferber.....	Kenneth E. Ferber.....
Robert E. Hanss.....	Robert E. Hanss.....
James P. Goeddel.....	James P. Goeddel.....
Dr. Thomas M. Morris.....	Faculty Advisor

MU CHAPTER of Theta Kappa Phi, a national college fraternity for Catholic men, was founded in 1925 as the Order

of Cardinal Mercier, and was admitted to the national fraternity in 1936.

The men of Mu Chapter here at M.S.M. are justly proud of the reputation they have maintained both on the campus and nationally. Our most-valued possession is the First National Efficiency Award of Theta Kappa Phi which is awarded each year to the chapter

Theta Kappa Phi

Fraternity



"displaying the greatest chapter efficiency and cooperation nationally" during the past school year. Mu Chapter has been its recipient the past three years. During this same period, Theta Kaps have acquired three consecutive intramural all-sports championships, the award made yearly to the organization garnering the most points in the school intramural program.

Socially, the men of Mu presented the Fall Pledge Dance, the Christmas Formal, the annual Pirates Party and the Spring Formal; not to mention the gala celebrations of both Homecoming and the "always terrific" St. Pat's.

However, while the 1952-1953 school year was a success from every viewpoint, the men of Mu will not rest on their past laurels; but hope to be ever striving to not only retain their peak position, but attain new heights in the years yet to come.



FIRST ROW: Algermissen, Crane, Ludewig, Schafer, Ferber, Goeddel, Stearman, Hanss. SECOND ROW: Gulotta, Spann, Mengwasser, Richter, Bardon, Oefelein, Soehngen, LeBrun, Skubic. THIRD ROW: Noonan, Bieser, Buescher, Burns, Douglass, Barczykowski, McCarthy, Greiten, Fuesting. FOURTH ROW: Yallaly, Shea, Lesyna, Van Buskirk, Zickel, Farmer, Kline, Pitlyk, Weber.



Theta Xi Fraternity



Fall	OFFICERS	Spring
Al Fosha.....	President.....	Bob Jost
Martin Prager	Vice-President.....	Ed Peck
Art Canady.....	Treasurer.....	Art Canady
Joe Green.....	Secretary.....	Bob Korn
Faculty Advisor.....	Dr. Frank Conrad	

THETA XI fraternity was founded April 29, 1864, at Rensselaer Polytechnic Institute at Troy New York. Originally, Theta Xi accepted chapters only at engineering schools; and, although this policy is not strictly adhered to now, it was in keeping with this tradition that the Alpha Psi Chapter was installed on this campus in October, 1949, making it one of the youngest on the campus.

In the three years since the founding, the fraternity has developed into a close knit organization with a full schedule of intramural sports

FIRST ROW: Senne, Green, A. Canady, Prager, Krueger. SECOND ROW: Young, Brooks, Hanley, Purnhagen, Horcher, Heavlin. THIRD ROW: Rasey, Nelson, McMasters, Hymer, Sancianco, Peck. FOURTH ROW: Runvik, Jost, Korn, Hays, R. Canady, Gielsteen.



and social activities. Even though none of the intramural teams won a championship, every team showed itself very well in competition, especially in boxing. It also showed up very well socially. The social events consisted of the Homecoming Dance, the Christmas Formal, the St. Pat's Celebration, and the annual Spring Formal.

The house underwent a thorough face-lifting in the fall, giving it a refreshed look. Also, the living room furniture was reupholstered and refinished. All of this labor was supplied by the early return of the members who gave up part of their vacation to complete the job. The fraternity's primary aim is to instill its members with efficient study habits as well as providing them with a well-balanced social program which helps to break up the daily routine grind. The chapter boasts of an auxiliary club, which is composed of the Mothers of Theta Xi Club. The headquarters is located in St. Louis, Missouri. What the house lacks in feminine touch, the Mothers provide. In closing we loudly sing: "Our strong band can ne'er be broken,
Formed in Theta Xi . . .
Far surpassing wealth unspoken,
Sealed by friendship's tie . . ."

*Officers.
Real smooth.*

*Catch this.
How sweet.*

*Easy now.
Big man on campus.*

*Jokesters.
Current events.*

*Chow time.
Get him, gang!*



*The wheels.
Homecoming.*



*Pledge Class.
Party boys.
How nice.*



*Christmas Dance.
The conquerors.*



*Anniversary.
Sing out, men!*



Fall	OFFICERS	Spring
Bill Crawley.....	President.....	Gerald Metcalf
Jim Hubeli.....	Vice-President.....	Charles Paschedag
Charles Paschedag	Rec. Secretary.....	Bruce Greaves
Gerald Metcalf.....	Treasurer.....	Terry Godsey
Faculty Advisor.....		Fred Davidson

TRIANGLE, a Fraternity of Engineers and Architects, has for the past twenty-five years been among the leaders in the fra-

ternity life on the Missouri Mines campus. As the original chapter at Illinois University nears its fiftieth anniversary, Triangle continues to uphold the deals which has made its history so successful.

The Missouri Mines Chapter was formed from the "Grubstakers Club", which was the first social organization (1907) founded on the

Triangle Fraternity



campus. The club was installed in the national organization of Triangle in December, 1927. Since then, succeeding generations of engineers have come and gone, the majority finding their place in industry, eternally benefitting from the associations, friendships, and experiences. The "Old Rock House", as it is has come to be known, is more active than ever, and is holding its own, socially and athletically, as well as having earned the highest scholastic record for last year.

The house held five dances this year, plus the annual Parent's Day in November. The annual Christmas Dance took a second role, as the chapter celebrated its twenty-fifth anniversary with a gala alumni reunion and banquet, featuring National President Ikel C. Benson as guest speaker.



FIRST ROW: Paladin, Greaves, Crawley, Metcalf, Hubeli, Ruch, Paschedag. SECOND ROW: Crutcher, Mulroy, Mullins, Phillips, Lowell, McGinnity, Hemken, Macios. THIRD ROW: Urban, Szarzynski, Alford, Lane, McQuie, Edwards, Schreiber. FOURTH ROW: Henson, Murphy, Lea, Paar, Robinson, Quinn, Dombrosky, Godsey.



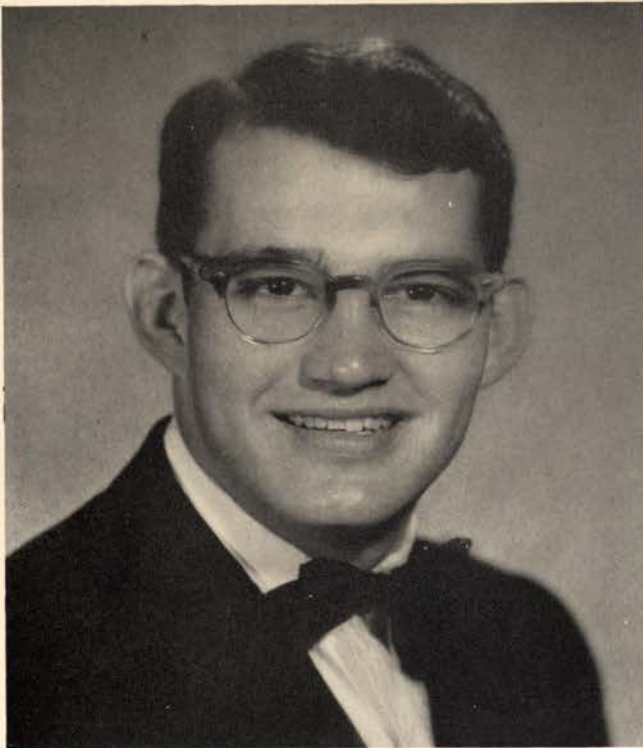
St. Pat's Celebration

FRIDAY, MARCH 13TH, was not an unlucky day for the Miners. This was the day on which St. Patrick made his annual trip from the Emerald Isle to Rolla. Arriving on the usual hand car at Frisco Station, he was then drawn at the head of the parade of gaily decorated floats to Parker Hall. There, despite the heckling of the traditionally noisy seniors, he proceeded to award the trophies to the Beard and Float contest winners and knight the seniors.

That evening, Jackling Gym was the scene of the coronation of beautiful Joan Christian as the Queen of Love and Beauty. Surrounded by her Maids, Joan reigned over the holidays for 1953. Following the coronation the annual Costume Ball was held.

Saturday afternoon the traditional Sigma Nu Tea Dance provided the festivities, while that night the gym was again the scene of the beautiful Formal Dance.

The tremendous band of Ray Anthony provided the mellow notes, and provided the most enjoyable St. Pat's ever.



JIM GERARD
St. Pat of 1953



St. Pat arrives at Frisco station via traditional hand car.



Mrs. Joan Christian

**Queen of Love and Beauty
St. Pat's 1953**



Pauline Robbins
Pi Kappa Alpha



Roberta Martin
Sigma Pi



Jo Anne Runvik
Theta Xi



Nancy Mohrman
Theta Kappa Phi

Court of Love *St Pat's*



Mary Lou Perella
Kappa Alpha



Louise Haller
Lambda Chi Alpha



Diane Miller
Triangle



Bernice Sanders
Sigma Nu



Joycelyn Holder
Tau Kappa Epsilon



Marilyn Kinert
Independents

and Beauty 1953



Betty Bethea
Independents



Margaret Ahrens
Beta Sigma Psi



Martha Eatherton
Kappa Sigma



Emily Keeger
Sigma Phi Epsilon

St. Pat's Winning Floats



First Place Float—Tau Kappa Epsilon.

Second Place Float—Kappa Alpha.

Third Place Float—Pi Kappa Alpha.

Queen's Float—Lambda Chi Alpha.



*Prize-winning costumes.
The man with the horn.
Best beards.*

*The Queen with Ray Anthony.
Beautiful!
St. Pat leads parade.*

*First place costumes.
St. Pat arrives via Frisco.
Blow, man, blow!*

St. Pat's Scenes

UPON completion of the 47th edition of the ROLLAMO, it is with the deepest sincerity that the Rollamo Board extends its thanks to Dr. James J. Jelinek, our Faculty Advisor; the administration, the office help in Parker Hall, and the many others whose able assistance and cooperation made this edition a reality.

Additionally, we extend our thanks to the professional men who served the ROLLAMO during the past year: Mr. Harry Swain and Central Engraving Company, Mr. Leo W. Painter and Model Printing Company, Mr. Paul Schenk and Bechtold Company, and Mr. Ray Grass and Esquire Studio.

The Rollamo Board sincerely hopes that this edition has brought some measure of enjoyment to you, the reader—the judge of our efforts; and, likewise, that it will recall for you pleasant memories of your education long after your departure from our campus.

Acknowledgment

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St. Louis, Missouri

Industrial Informal Scenes in Opening
Section are Courtesy of
Monsanto Chemical Co.
St. Louis, Missouri

Drawing Lab.

"Mets" at work.

Theta Tau's Forever!

"K" is a constant.

Ceramics Lab.

Star gazers.

Freshmen with shillaleghs.

Football Rally.







